The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

No. 3404 Vol. CXLIII MAY 5, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

WRIGHT'S
Coal Tar Soap
IS THE RULE FOR
THE TOILET AND NURSERY
★
WRIGHT, LAYMAN & UMNEY, LIMITED
SOUTHWARK · LONDON · S.E.1 · HOP 2315

Index to Advertisers pp. 5 & 6

AN ACUTE SHORTAGE of cases and packing material together with a staff reduced to its absolute minimum has led to dclay in the execution and dispatch of Parke, Davis & Co. orders.

We are doing our best in the face of these difficulties, and we ask for condonation whenever our endeavours fail to realize expectations.

Orders are being dealt with on the fairest basis we can devise ; and we urge our pharmacist friends to hesitate before sending us queries or complaints.

The prompt return of packing cases, etc., will be of the utmost assistance.

MEDICAMENTA VERA PD & Co

PARKE, DAVIS & CO.
50 BEAK STREET, LONDON, W.1
Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

Elasto

REGISTERED

The Wonder Tablet

Read What Users of 'Elasto' Say:—

(Original letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

"As a sufferer of varicose veins, I must state that before using 'Elasto' I was tortured with tired and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the feeling of tiredness and aching has vanished. To all sufferers of varicose veins I certainly recommend 'Elasto'—they are a boon."

AP 1180. —— R. P.

Rheumatism

"I may say that I have found 'Elasto' a wonderful help. For years I suffered with rheumatism in feet and legs, and at times found it difficult to keep about. 'Elasto,' however, afforded me immediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since."

AT 1108. —— F. T.

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263. —— E. H.

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You!

A SOUND LINE
A GENEROUS PROFIT

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

PATA

The NEW ERA TREATMENT CO., LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

BRITISH ALKALOIDS
AND FINE CHEMICALS

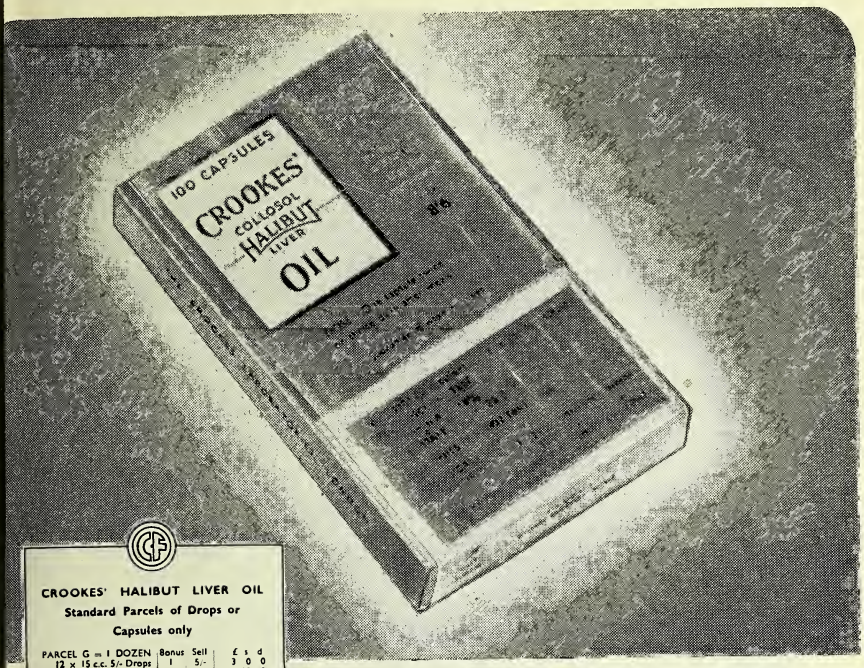
Whiffen

BROMIDES
AND
IODIDES

World conditions may determine availability of supplies

MERCURIALS · ATROPINE ·
CAMPHOR · NICOTINE ·
NICOTINIC ACID · SALICIN ·
CAFFEINE · EMETINE ·
QUININE · STRYCHNINE ·
VERMILION · PRUNELLA ·
ESSENTIAL OILS · CLOVE OIL
SANDALWOOD OIL ·
ALMOND OIL · EXTRACT OF
IPECAC. LIQ · DRUG GRINDING

WHIFFEN & SONS, LTD.
INCORPORATING GEORGE ATKINSON & COMPANY, ESTABLISHED 1654
FULHAM, LONDON, S.W.6
'Phone Fulham 0037
'Grams Whiffen London



CROOKES' HALIBUT LIVER OIL
Standard Parcels of Drops or Capsules only

	Bonus	Sell	£ s d
PARCEL G = 1 DOZEN 12 × 15 c.c. 5/- Drops	1	5/-	3 0 0
Less 25%			15 0
			2 5 0
10%			4 6
*Amount of cash with order			*£2 0 6
PARCEL H = 3 DOZEN 36 × 5 c.c. 2/- Drops	3	2/-	3 12 0
Less 25%			18 0
			2 14 0
.. 10%			5 5
*Amount of cash with order			*£2 8 7
PARCEL J = 1 DOZEN 12 × 30 c.c. 9/- Drops	1	9/	5 8 0
Less 25%			1 7 0
			4 1 0
.. 10%			8 1
*Amount of cash with order			*£3 12 11
PARCEL K = 6 DOZEN 72 × 5 c.c. 2/- Drops	12	2/-	7 4 0
Less 25%			1 16 0
			5 8 0
.. 10%			10 10
*Amount of cash with order			*£4 17 2
PARCEL L = 1 DOZEN 12 × 100 Capsules	1	8/6	5 2 0
Less 25%			1 5 6
			3 16 6
.. 10%			7 8
*Amount of cash with order			*£3 8 10
PARCEL M = 3 DOZEN 36 × 100 Capsules	3	8/6	15 6 0
Less 25%			3 16 6
			11 9 6
. 10%			1 3 0
*Amount of cash with order			*£10 6 6

The NEW *Packing*

Designed originally to overcome wartime manufacturing and transport difficulties, this new pack has emerged as one that looks really well on the counter (an important sales-building factor) and is handy for the pocket and handbag.

This new pack is now included in our 'L' and 'M' bonus parcels only, but it will become increasingly general as existing stocks of the old packing are consumed.

Crookes' Halibut Oil

HE CROOKES LABORATORIES (British Colloids Ltd.), PARK ROYAL, N.W 10
Telephone : ELGAR 6313 (5 Lines) *Telegrams . COLLOSOLS, HARLES, LONDON*

Increased supplies of Bob Martin preparations are gradua becoming available, and it is anticipated that future deliver will be subject to but little delay. Retailers are still advis however, to replenish their stocks in good time, as orders will be filled in strict rotation.

P.A.T.

BOB MARTIN *LIMITED SOUTHPORT LAN*

Established 1878.

Labels—
Cartons—
Envelopes—

& EVERY DESCRIPTION
OF MEDICAL PRINTING

ALF. HARRISON & SONS LTD.
Chemists' Printers
BURLEY ROAD, LEEDS, 4.

INDEX TO ADVERTISERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

A.B. Products 16
Aimer, G. C., & Co., Ltd. ..... Leader Page
Ayrton, Saunders & Co., Ltd. 10
Beechams Pills, Ltd. 11
Bell, John, Hills & Lucas, Ltd. ..... Leader Page
Berton, Arthur, Ltd. 23
Bio-Colloids, Ltd. 24
Bob Martin, Ltd. 4
Boots Pure Drug Co., Ltd. v
Box No. 555, c/o Carlton Berry Co. iv
British Cellophane, Ltd. viii
British Surgical & Drug Co., Ltd. 14
Britton, Malcolm & Co., Ltd. v
Brontan, Ltd. 23
Brotex Products xi
Burgoyne Burbidges & Co., Ltd. i
Burrough, James, Ltd. ..... Leader Page
Burroughs Wellcome & Co. 25
Carnrick, G. W., Co. 10
Carus, A., & Sons, Ltd. vi
Ciba, Ltd. 26
Container Reclamation Co., Ltd. viii
Cox, Arthur H., & Co., Ltd. ..... Cover iv
Crookes Laboratories (British Colloids, Ltd.) 3
Cussons, Sons & Co., Ltd. ..... Cover iii
Cyclo Chemicals, Ltd. 21
Dales Aspirin Co. 9
Daniel, Richard, & Son, Ltd. 9
Dearborn (1923), Ltd. 15
Denver Chemical Mfg. Co. 12
Dominion Steel Corporation, Ltd. 24
Drugs & Toilets (Pty.), Ltd. iv
Duncan, Flockhart & Co. iii

(*continued overleaf*)

Now Available—Technical Notes
ON

COLLOCIDE surface-active antiseptic and germicide.
CHLORAX chlorinated fungistatic and insecticidal wax.
CLOVE WAX aromatic terpene ester wax for skin foods, protective creams, etc.
STABALIN series of preservatives and anti-oxidants.
PROMULSIN POWDER
dible emulsifying, thickening and suspending gent.
PROMULSIN WAX
elf-emulsifying. For pharmaceutical and cosmetic roducts.
SULPHOSAL range of sulphated fatty alcohol wetting agents and detergents.

WATFORD CHEMICAL CO. LTD.
50 SOUTH AUDLEY STREET GROSVENOR SQ. LONDON W.1.
Telephone: GRO 1016-9

INDEX—(contd.)

Dunn Bros. Successors, Ltd. ii
E.N.T. Manufacturing Co., Ltd. 15
English Grains Co., Ltd. 12
Esmorea Chemical Products, Ltd. xi
Everett, S. & R. J., & Co., Ltd. vi
Ex-Lax, Ltd. 16
Freeman, J., & Co., Ltd. 23
Freudentheil, Smith & Co. vi
Frischmann, H. ii
Gardiner & Co. (The Scotch House), Ltd. ix
Genatosan, Ltd. 13
Harley, T., Ltd. ix
Harrison, Alf., & Sons, Ltd. 5
Hirst, Stuart, Ltd. Leader Page
Hough, Hoseason & Co., Ltd. 24
Howard, Lloyd & Co., Ltd. ii
Hunter Beattie Products ii
International Foot Appliances, Ltd. 24
International Laboratories, Ltd. 23
Ioco, Ltd. vii
Jeffreys, Miller & Co., Ltd. 24
Kearsley, C. & G., Ltd. 9
Keeling & Walker, Ltd. iv
Keenedge, Ltd. xi
Keenes Laboratories, Ltd. 9
Kellys, J., (London), Ltd. iv
Kemball, Bishop & Co., Ltd. 18
Laboratory Facilities xi
Lewis (Import & Export), Ltd. ix
London Pharmaceutical Laboratories, Ltd. 13
Luna Inserts, Ltd. vii
Marlene Products xi
Martin, Bob, Ltd. 4
Meggeson & Co., Ltd. xii
Metag, Ltd. xi
Monro, G., Ltd. x
Monsanto Chemicals, Ltd. Leader Page
Musterole Fine Products, Ltd. 22
Napp, H. R., Ltd. Leader ge
National Association of Opticians vi
New Era Treatment Co., Ltd. 1
Newball & Mason, Ltd. 24
Oxford Glass Co. xi
Palestine Potash, Ltd. iii
Parke, Davis & Co. Co ii
Pattison, W. xi
Percenta, Ltd. xi
P.G. Ltd. xi
Phosferine (Ashton & Parsons), Ltd. 21
Porosan, Ltd. x
Potter & Clarke, Ltd. 20
Preemo & Silks 9
Prentice, J., (London), Ltd. 15
Prince Regent Tar Co., Ltd. 6
Rankin Bros. & Sons Leade ge
Ransom, Wm., & Son, Ltd. 17
Ravensworth (Printers), Ltd. viii
Rentokil, Ltd. ix
Revai & Co., Ltd. iv
Riddell Products, Ltd. 22
Ruff & Co. x
Salem (Pulverized Tragacanth), Ltd. iv
Sessions, W., Ltd. viii
Smith, T. J., & Nephew, Ltd. vii
Soft Drinks Industry viii
Splendor, Ltd. 21
Standard Manufacturing Co. xi
Stanning Proprietaries 24
Sumner, R., & Co., Ltd. viii
Thornton & Ross, Ltd. 12
United Chemists Association, Ltd. 7
Verdiers, Ltd. vi
Wander, A., Ltd. x
Watford Chemical Co., Ltd. 5
Whiffen & Sons, Ltd. 2
Wilcox, Jozeau & Co., Ltd. Leade age
Wood Bros. Glass Co., Ltd. 19
Wright, Layman & Umney, Ltd. Fron over

Disinfectants

to Hospitals, Public Institutions, Local Councils, &c.

REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Manag to

the PRINCE REGENT TAR COMPANY, D.

give you special terms.

- Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.
- White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.
- Lysol B.P. Quality.
- Pink Disinfecting Powders.
- Carbolic Sheep Dips, approved by the Min of Agriculture under the Sheep Scab order.
- Carbolic Disinfecting Fluids, Rideal Co-efficients 2 to 20.
- Liquid Carbolic and Cresyl c Acid, Pale, 99 %.
- Formaldehyde (Formalin) 40% Solution.
- Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under ex
Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

PRINCE REGENT TAR COMPANY, LTD.

(Managers: BURT, BOULTON & HAYWOOD, LTD.)

BRETTENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.2

Phone: Temple Bar 5801 (5 lines) *Telegrams: "Burboul, Rand, London"*

The post war plans of

Ucal

"EYETONE"

Limited quantities of this popular "UCAL" line are now available, and early ordering is advised.

"EYETONE" is a medicinal lotion that soothes inflammation and allays irritation from dust, grit or glare.

PRICES:

Retail **1/4½**. Wholesale **8/6**, Plus 16⅔ P.T.

UNITED CHEMISTS ASSOCIATION LIMITED, UCAL WORKS, CHELTENHAM

For Effective Control of Pain

AMONG the many and diverse analgesics which have been evolved by modern chemical research, acetylsalicylic acid retains its reputation as one of the most effective. Experience proves that 'Alasil' helps to solve the problem of administering acetylsalicylic acid in an effective form. It is free from the risk of irritating the stomach or intestines or of causing general reactions.

In 'Alasil' the combination of acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol' (Colloidal Hydroxide of Aluminium), a powerful gastric sedative and antacid, helps to obviate any tendency to gastric irritation. The advantages of 'Alasil' are therefore obvious. For these reasons you have the satisfaction of knowing that in recommending and selling 'Alasil' you are conveying distinct benefits to your customers.

Alasil

TABLETS

Aspirin with a Difference

Retail Prices: Bottles, **1/5.** *Cartons,* **6d.**
Including Purchase Tax
Trade Prices: **11/3** *and* **3/9** *plus Purchase Tax*

On the P.A.T.A.

A. Wander, Ltd., 5 and 7 Albert Hall Mansions
London, S.W.7

PRODUCTS *of* PRESTIGE

From our long experience as specialists in pills, tablets and galenicals, we can offer products of highest standards which safeguard the prestige of the industry. We shall be proud to serve new clients when normal times return.

Richard Daniel & Son Ltd. Derby

MANUFACTURING CHEMISTS

ESTABLISHED 1860 • DERBY 4266-8

'ERFUME ESSENCES
by PREEMO

'e highly concentrated with the true odour of
ne natural flower, making them the purest,
est and most economical on the market.

Price List on request

REEMO & SILKS (*Dept. C.D.*)
) Kilburn High Road, London, N.W.6
Maida Vale 3234

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

C. & G. KEARSLEY LTD.
71 DARTMOUTH RD., LONDON, S.E.23
Established 1787 In the Reign of King George III

PEROX CHLOR

enes Laboratories Limited will
glad if chemists who were sell-
g Perox Chlor before the war
d who now have a difficulty in
tting reasonable supplies will
ite direct to their office at
Elswick Rd., Newcastle-on-Tyne 4

We manufacture . . . every variety of
COMPRESSED TABLETS
for the Manufacturing & Wholesale Drug Trade

We can give deliveries on time and invite enquiries

The DALES ASPIRIN CO. (PROPRIETOR: H. A. TOLKIEN)
SILSDEN, Nr. KEIGHLEY, Yorks

EXPORT IN WARTIME

The amount of Ayrton Products carried by sea is greater than ever, but the needs of the Forces decide the destination.

To our Overseas friends we send our greetings and assure them of the return of the Ayrton Service at the earliest opportunity.

34 HANOVER STREET, LIVERPOOL, 1

AYRTON SAUNDERS & CO. LTD.

HORMOTONE "T" BRAND

P.A.T.A.

To obviate delays in meeting the increasing nun of prescriptions for Hormotone "T," chemists invited to replenish their stocks now.

Orders for "HORMOTONE," "T" Brand or of the other products listed below ca accepted for *immediate delivery from s*

Order through your usual Wholes or direct from sole distributors. "H MOTONE" "T" Brand in bottl 40 and 250 tablets.

IMMEDIATE SUPPLIES FROM STOCK

G. W. CARNRICK CO.

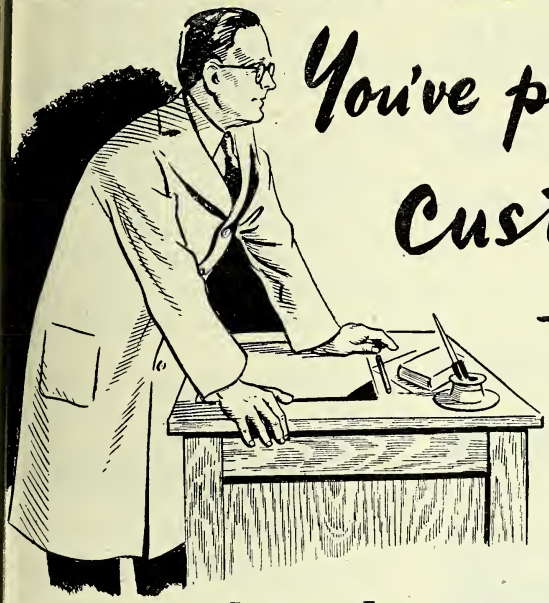
20 Mount Pleasant Avenue,
NEW JERSEY, U.S.A.

Distributors :

BROOKS & WARBURTON, LTD.
232 VAUXHALL BRIDGE ROAD, S.W.1

Also available from stock :

HORMOTONE Brand, bottles of 100 and 500 t HORMOTONE Brand without POST-PITUIT bottles of 100 tablets. TRYPSOGEN Brand, bott 100 and 500 tablets. TRYPSOGEN Brand (s coated), bottles of 100 and 500 tablets. COLOPO bottles of 40 tablets.



You've plenty of Customers!

—how's your stock?

Goodwill has given you customers. Good lines have helped to build y r goodwill. But never, in all the history of trading, has goodwill depended s completely on stocks at hand to meet demand. Never has it been so i portant to carry good stocks of Beecham's Pills—for sales lost through c ering short are bound to be made where they ordered well.

hen you order

Beecham's Pills

order well!

WORTH A GUINEA A BOX

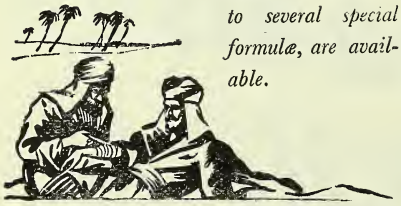
SAMARITAN

Olive Oil is not yet available but . . . . . .

SAMARITAN OINTMENTS

rank equally high in their class and are available at reasonable prices in 1 oz. and 2 oz. amber jars.

A good range of B.P. and B.P.C. preparations, in addition to several special formulæ, are available.



THORNTON & ROSS, LTD.

The Home of Modern Pharmaceuticals

LINTHWAITE - HUDDERSFIELD

TR128

IN ALL SEASONS....

Antiphlogistine
TRADE MARK

Whether it's summer or winter ANTIPHLOGISTINE is a multiple-duty product that works for you the whole year round.

In wintertime as a *Medicated Poultice.*

In summertime as a *Medicated Dressing.*

ANTIPHLOGISTINE is ready-to-use.

Antiphlogistine
TRADE MARK

THE DENVER CHEMICAL MFG. CO.
LONDON, N.W.9

"It's up to us to keep fit"

That's what

YESTAMIN

Advertising is saying to your customers

It's up to you —

to ensure that sufficient stocks of YESTAMIN Vitamin Yeast Tablets, 100 for 1/1½d., 300 for 3/-, are available to meet increased demand.

The English Grains Co. Ltd., Burton-on-Trent

'FISSAN'* Brand LOTION

Presenting zinc oxide, bismuth subnitrate, boric acid, colloidal kaolin etc., in an aqueous-glycerin suspension, combining the properties of a lotion and powder.

A valuable protective application for the skin; relieves irritation and cools inflamed surfaces. Especially useful for dermatitis, heat eruptions, eczematous and pruritic affections.

Issued in two sizes:

65 gm.	Retail 2/9½ (tax inc.)	Trade 20/- doz. (tax ex.)
250 gm.	Retail 8/4 (tax inc.)	Trade 60/- doz. (tax ex.)

GENATOSAN LTD., LOUGHBOROUGH, LEICS.

Telephone: Loughborough 2292

* Regd. Trade Mark

'SUPER SHAVE' for Super Sales

and for the perfect BRUSHLESS shave with after-shaving freshness!

'SUPER SHAVE,' the last word in brushless shaving creams, is fast becoming first favourite. . . . Display and recommend 'SUPER SHAVE' and see how it speeds up sales as well as speeding up shaving.

'SUPER SHAVE' represents SUPER VALUE plus QUALITY to merit your confident recommendation. Stock up NOW for steady, satisfactory sales.

BRUSHLESS
SUPER SHAVE
SOAPLESS

RETAILS AT
1/10 4 oz. Jar
1/2 2 oz. Jar

Obtainable at Chemists and Hairdressers' Sundriesmen

LONDON PHARMACEUTICAL LABORATORIES, LTD. 24 THORNSETT ROAD, LONDON, S.W.18

PROMPT DELIVERY FROM STOCK

CERESINE, CARNAUBA AND CANDILLILA WAXES
EMULSION WAXES

SMART GOLD SEAL LABELS
FRAGRANT TONIC HAIR CREAM
MY LADY'S VANISHING CREAM
COLD CREAM—FOR LOVELINESS AND CHARM
DE LUXE SETTING LOTION
LUXURY BATH SALTS
CLEANSING CREAM
ANTISEPTIC SKIN BALM

TECHNICAL WHITE OIL
LIQUID PARAFFIN, B.P.
CASTOR OIL, B.P.
RAPE SEED OIL
SULPHONATED CASTOR OIL

GOLDEN OIL DYE
GREEN OIL DYE
ALL COLOURS IN WATER, OIL AND SPIRIT SOLUBLE DYE STUFFS

EMULSIFIERS
that need the adddition of water only to make
BRILLIANT WHITE HAIR CREAM
PEARLY VANISHING CREAM
COLD CREAM AND POWDER BASE
BRUSHLESS SHAVING CREAM
SETTING LOTION
DEODORANT CREAM
ANTISEPTIC SKIN BALM
equal to best pre-war products. Formulae and all details supplied on request.

PETROLEUM JELLY, B.P. WHITE, AMBER, GREEN

BEAUTIFUL BOTTLES AND JARS
With screw caps and corks, 2,000 gross in stock.

TINS
Gold-lacquered and plain, 1 oz., 2 oz., 4 oz., 8 oz., 10 oz., 16 oz. Slip and lever lids.

CARTONS AND CASES
Various sizes. Send for list.

SCREW CAPS AND CORKS
Large stocks, various sizes. Send sample jar or bottle and let us quote.

SISTEM
Ration Book Binders. Each hold four books. Save LOSS, TIME, TEMPER. Retail 1/3 each.

FASHENE DE LUXE FURNITURE CREAM
Made of finest waxes blended by qualified chemists. Retails 2/6 large 10-oz. jar.

FASHENE FLOOR POLISH
Best quality wax polish by registered manufacturers. Retail 1/- large 4-oz. tin.

SILKY SKIN
Depilatory Bands. Used by smart women to remove unwanted hair. Retail 6d. each. In 1 gross cartons.

SEALVELOPES
Eliminate envelopes. ARMY, NAVY, AIRFORCE and CIVILIAN DESIGNS 6d. packets.

MULTISHAVE
Safety razor blade sharpeners for extra clean, smooth shaves. Retail 1/6 each. In 3 dozen cartons.

GUM TRAGACANTH AI
METHYL CELLULOSE

TRIPLE PRESSED STEARIC ACID
HARDENED WHITE FATTY ACID
OLEIC ACID
LANOLINE
GLYCERYL MONOSTEARATE
PRECIPITATED CHALK
BORAX, POWDERED, B.P.

Send stamp for details, stating lines in which you are particularly interested to

The BRITISH SURGICAL & DRUG CO., LTD.
FORTESS GROVE, LONDON, N.W.5 Tel. Gulliver 3474 (3 lines)

If there's delay

in supplying all your orders for Mercolized Wax, Clynol Berries for Obesity and the rest of our lines, don't blame us—Blame the War.

But we will soon be back in full production, so please continue to send your enquiries to

DEARBORN (1923) LTD.

"Kern House," 36/38 Kingsway, London, W.C.2

John Prentice

MEDICATED SMELLING SALTS

Now Nationally Advertised

★

John Prentice beg to announce NATIONAL ADVERTISING and invite retailers to participate in sharing a successful and constant seller.

Standard size: screw cap or ground glass stoppers - 1s. 5d. (10s. 6d. plus 16⅔%)

Sickroom size: ground glass stoppers, 2s. (13s. 6d. plus 16⅔%)

CARRIAGE PAID

JOHN PRENTICE (London) LTD.
3, EXCHANGE, N.10
Tel.: TUD 2174

Northern Branch
8, FENKLE ST., NEWCASTLE-on-TYNE, 1
Tel.: 24119

TWO PROFITABLE LINES

Headaches, Colds and Rheumatism

E.N.T. CAPSULES
1/6 & 3/- including Tax

E.N.T. POWDERS
Single 2½d.
Boxed 1/6 & 3/-

Already on P.A.T.A.

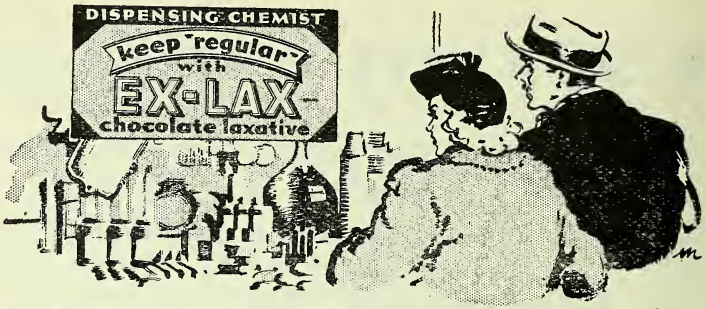
NOW ON CHEMISTS FORMULA

Don't Stock **E.N.T.** unless you want Repeat Sales
£2 Parcel shows BEST TERMS
Once tried, your customers will demand **E.N.T.**
Your Profit on Turnover even with Tax will show you 33⅓%

Write for best terms to

E.N.T. Mfg. Co. Ltd. 433 GLOUCESTER RD. BRISTOL 7

That *SIGN* is still earning you an *ANNUAL BONU*



If you have a readable 'Ex-Lax' Transparency Sign left on your door or window, rest assured tha it is continuing to earn you an annual bonus, even though it may have lost its original freshness Owing to war-time conditions, the 'Ex-Lax' Representative may not have been able to call fo some time to pay you the bonus, or bonuses, due. But when he does visit you again, he will pa you any outstanding bonus *in full* if your sign is still in position.

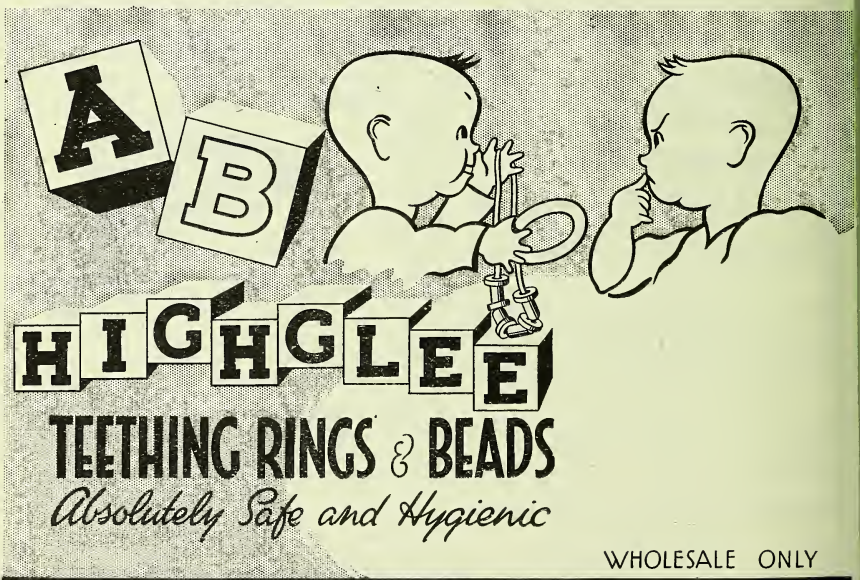
★ *N.B. We regret that war-time restrictions make it impossible to supply new Signs. Thanks to the high quality of signs w have put up in the past, however, we are gratified to find that the majority are reasonably withstanding the ravages of time*

IT STILL PAYS TO DISPLAY

EX-LAX

EX-LAX LTD. SLOUGH BUCKS

P.A.T.A.



WHOLESALE ONLY

A·B PRODUCTS Springlodge Works, Mahningham Lane, Bradford
Telephone & Telegrams 6548/9

EXTRACTS

TINCTURES RESINOIDS
OLEO-RESINS MEDICINAL RESINS

New Season's

BELLADONNA and HENBANE

Preparations

EXTRACT COLCHICI LIQ.

Prepared from British grown
Colchicum corms or seeds

WILLIAM RANSOM & SON

ESTABLISHED 1846 *Ltd.*

Manufacturing Chemists

HITCHIN, HERTFORDSHIRE

ESTABLISHED 1870

Kemball, Bishop & Co. Ltd.

TELEPHONE: ADVANCE 1234

TELEGRAMS: 'KEMBALL, LONDON'

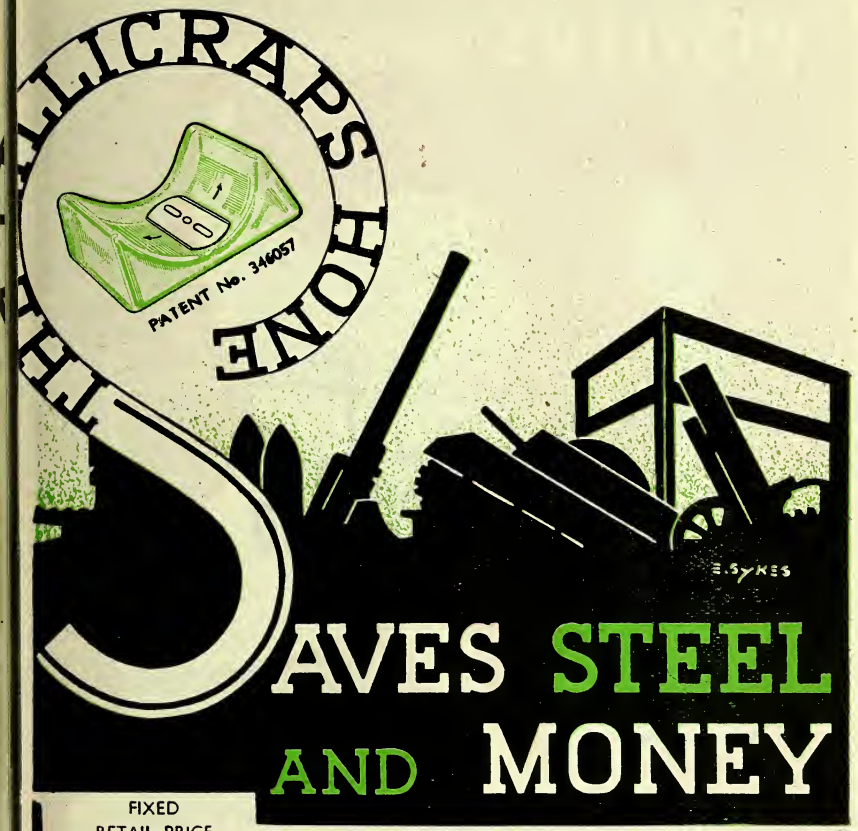
CODES: A.B.C. 6th. BENTLEY'S PRIVATE

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3

CITRIC ACID. TARTARIC ACID.
CREAM OF TARTAR. ROCHELLE SALTS.
CALCIUM GLUCONATE.
LITHIUM CARBONATE,
CHLORIDE AND HYDROXIDE.

QUALITY GUARANTEED



SAVES STEEL AND MONEY

FIXED RETAIL PRICE
2/1 (Including Purchase Tax)

EACH PACKED IN A SEPARATE CARTON WITH INSTRUCTIONS FOR USE.

ATTRACTIVE WHOLESALE TERMS ON APPLICATION TO THE MANUFACTURERS.

BY MAKING ONE SAFETY-RAZOR BLADE LAST FOR HUNDREDS OF SHAVES. THESE HONES ARE MADE IN GLASS OF UNIQUE PROPERTIES WITH A SPECIALLY PREPARED SURFACE AND ARE PATENTED THROUGHOUT THE WORLD.

WOOD BROS. GLASS CO., LTD.
(DEPT. H.I)
ESTABLISHED 1828

BARNSLEY **ENGLAND**
TELEPHONE 3637-8-9
TELEGRAMS: "WOODS, BARNSLEY"

POTTER'S *potterings*

A nourishing food, of high dietetic standard suitable for bottle-fed children and invalids

IN TWO SIZES P.A.T.A.

1 lb. **2/3** **20/-** per Dozen

2 lb. **4/-** **36/-** per Dozen

No Purchase Tax

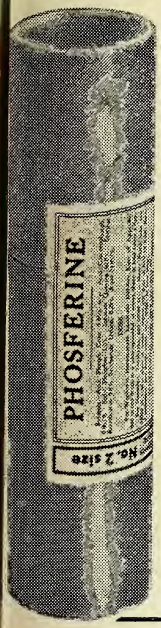
POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

Phone: BIShopsgate 4761 Grams: Horehound, Phone, London

77 DANTZIC STREET, MANCHESTER

Phone: BLAckfriars 8734 - Grams: Horehound, Manchester



PHOSFERINE

TABLETS and LIQUID

● PHOSFERINE is a popular Tonic Medicine which has won world-wide reputation—its popularity being largely due to personal recommendation by those who have benefited by its use.

Phosferine Advertising which makes no extravagant claims consistently keeps our product before the notice of the Public.

Make sure your stocks are equal to the demand

PHOSFERINE (Liquid and Tablets) available in 2 sizes

No. 1 retails at 1/4 including Purchase Tax
No. 2 „ „ 3/3 „ „ „

PHOSFERINE (Ashton & Parsons) Ltd., Phosferine Laboratories, King George's Avenue, Watford, Herts.

A Splendor Line you ought to stock

An excellent formula
—a striking pack
—a rapid seller
and steadily advertised.

6½d., 1/5 and 2/6 Inc. P. Tax

Prompt delivery from all wholesalers or direct from

SPLENDOR LTD.
LONDON and NOTTINGHAM

PROPAX

DOUBLE POWER
TABLETS

KILL PAIN QUICKEST!

Cyclo

"CYCLOCHEM"

EMULSIFIERS AND SELF-EMULSIFYING WAXES

of the finest quality for any kind of Toilet and Pharmaceutical Preparation

RECENT DEVELOPMENTS

"Cyclochem" Emulsion Waxes EM 550 and EM 560 acid-resistant Bases for Hair Reconditioning and other Preparations

Enquiries invited. Samples and Descriptive Leaflets on request.

CYCLO CHEMICALS LTD.

Wax Refiners and Chemical Manufacturers

MANFIELD HOUSE, STRAND, LONDON, W.C.2

Works: Kings Cross, W.C.1
Phone: TEMple Bar 3855, 8619 and 1888

Dear Mr. Chemist,

Yours is one of the few shops in any town to which people still come for advice—for your advice. Now what do you advise for that most common of all complaints—constipation? You want, of course, to restore normal regularity. That indicates M.O. (Magnesia Oil). Instead of whipping the tired muscles into over-stimulated activity, M.O. rests them, and, at the same time, procures a complete cleansing of the entire colon. With decreasing doses the bowel muscles gradually recover their tone and normal activity. M.O. is the ideal laxative with gastritis, gastric ulcer, duodenal ulcer, haemorrhoids, because it is completely non-irritating. In pregnancy and the constipation usually associated therewith M.O. eliminates morning sickness, for it is an antacid as well as a laxative.

8-oz. bottles retail at 3/1d., 16-oz. at 5/7d., tax included. Your sales net you 33⅓%—more if you display M.O., for there is a bonus of one free in every dozen, either size. There is no shortage of M.O. You can obtain it from your usual wholesaler.

Yours faithfully,
MUSTEROLE FINE PRODUCTS CO., LTD.

RIDDOBRON ASTHMA INHALANT
HAS NOT ONLY SECURED AN UNPRECEDENTED SUCCESS AS THE
MOST EFFICIENT TREATMENT FOR
ASTHMA, BRONCHITIS AND EMPHYSEMA
BUT IT HAS ALSO PROVED A REMARKABLE BUSINESS GETTER OWING TO THE CONSTANT FLOW OF REPEAT ORDERS.
INCREASE YOUR TURNOVER BY RECOMMENDING RIDDOBRON TO ALL YOUR ASTHMATIC CUSTOMERS

SPASMOPURIN SUPPOSITORIES	Adjuvant to RIDDOBRON inhalation Treatment. Angina Pectoris, Arteriosclerosis, Dysmenorrhoea.
RIDDOSAN INHALANT	Adjuvant to RIDDOBRON Inhalation Treatment. Indispensable for: BRONCHITIS, LARYNGITIS, TONSILLITIS, CATARRHS, HAYFEVER, HOARSENESS AND SORE THROAT.

RIDDELL INHALERS GUARANTEE THE BEST RESULTS

RIDDELL PRODUCTS LIMITED
"THE LEADING HOUSE FOR INHALATION THERAPY"
AXTELL HOUSE, WARWICK ST., LONDON, W.1
Also at 12 Mosley Street, Manchester

P.A.T.A.

urrah for Spa (Regd)

"Hurrah for Spa" is the theme slogan of our 1945 advertising—in nationals, provincials, and general and women's magazines. It exactly describes the lings of those who are lucky enough to be able buy a "Spa" Toothbrush in these days of stricted production.

ou cannot sell a better toothbrush than "Spa"

NYLON
Two Shapes : Long and Short head
Two Grades : Medium and Hard
Junior : 1/- plus 3d. P.T.
Adult : 1/6 plus 4d. P.T.
Trade : 8/4 and 12/1 per doz. plus P.T.

BRISTLE *Adult : 1/8 plus 4d. P.T.*
Trade : 12/6 per doz. plus P.T.

OHN FREEMAN & CO., LTD.
esham, Bucks & Walthamstow, London, E.17

Astringent & Antiseptic, a soothing lotion for customers seeking relief for their eyes. Supplies available from qualified C. F. Wholesalers.

Brontalene
EYE LOTION

prices:

13/- per doz. *Purchase Tax* 3/- per doz.
Bonus scheme for 1 gross.
Retail Price including P.T. 2/5 per bottle.

Enquiries to **BRONTAN LTD.,**
6/8 Scrutton Street, London, E.C.2.
Phone BIShopsgate 7935

Dr White's

SANITARY TOWELS

Made by Specialists in Surgical Dressings

KNITTED COVER OVER COTTON WOOL WITH LOOPS"

Supplies unavoidably restricted at present

ARTHUR BERTON LTD.
256/260 Old Street, London, E.C.1

If You're out of One Recommend the Other

In these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two Parmints.

At the moment the ready for use Parmint Syrup is in short supply. If you are temporarily out of stock, recommend your customers to take a bottle of the Parmint Concentrated Essences.

All our press advertising features both Parmints and mentions their prices.

INTERNATIONAL LABORATORIES LTD. PATA
Charlbury - Oxford

Limited supplies of this popular line again available

INSTANT RELIEF from foot troubles, fallen arches, metatarsal pains, etc.

4 sizes only — no fittings. Retail 5/11 per pair, no purchase tax. Excellent Show Cards

OMNIPED

Elastic Foot Cushion

To International Foot Appliances Ltd.
92, Baker Street, London, W.1

Please send ..... dozen pairs assorted Omniped Foot Cushions, with Free show material, carriage paid at £2 9s. 9d. per dozen.
Fill in and attach this advertisement to your business note heading.

NEW

is ready for YOU..

Please send 1d. stamp early for th valuable Buyers' Guide.

STANNING PROPRIETARIES

27 Oxford Street, Harrogate, Yorks

SD2

The Symbol of PERFECT Skin Health

A revolutionary product for the treatment of skin illnesses with unusual penetrative power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

BIO-COLLOIDS, LTD., ALTRINCHAM, CHES.

P.A.T.A.

BC20

British Made **AMPOULE FILES**
are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATIO
LTD.
"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD,

NEVILLE'S HEALTH SALT

P.A.T.A.

COST: 15/6 per doz. plus 16⅔% P T. Containers of 3 and 4 doz. sent carriage paid. Order Now

Retail **1/10½** Inc. Tax

HOUGH, HOSEASON & CO., LTD., PENDLETON, M/CR

Good! it's MASON'S

EXTRACT OF HER

The Chemists' FAVOURITE for over 75 YEARS

A 9d. bottle makes 6 gallons delicious sparkling Mason's H Beer. GOOD PROFITS—QUICK SA

Write for Trade Terms

NEWBALL & MASON LTD., NOTTINGHAM. Est. 18

MILLAMALT

The VITAMI
MALT FOOD

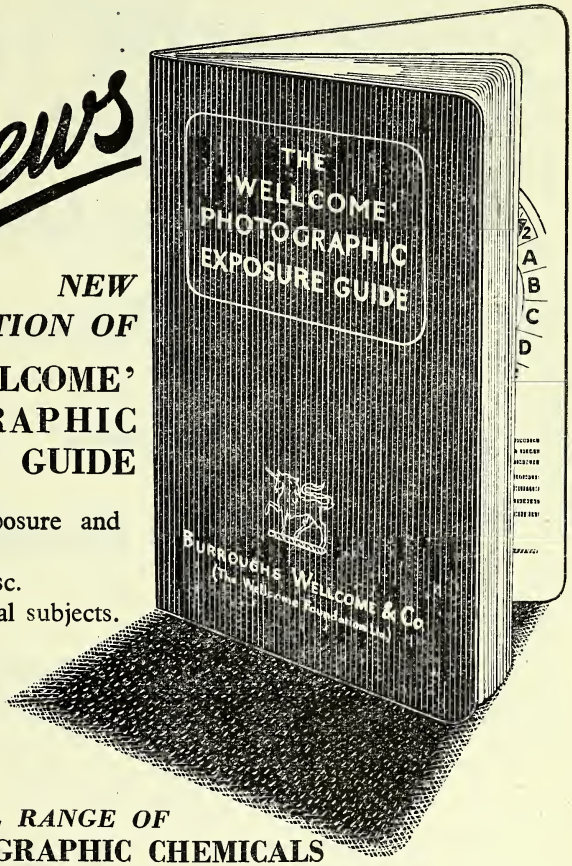
With Vitamins (A. 6,500 I.U., D. 400 I. per fl. oz.

Sole Manufacturers.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N

Good News

NEW EDITION OF

THE 'WELLCOME' PHOTOGRAPHIC EXPOSURE GUIDE



to-date tables of exposure and elopment factors.
improved calculator disc.
illustrations of typical subjects.

RETAIL PRICE
(Subject to trade discount)
1s. 0d. tax free

TURN TO A FULL RANGE OF ABLOID' PHOTOGRAPHIC CHEMICALS

BRAND

nt Retail Prices, exempt from purchase tax
P THIS LIST FOR REFERENCE

LOID'* DEVELOPERS
ol,'* Fine Grain, Metol-Quinol, Amidol, Soda, 'Tancol,'* Metol, Hydroquinone .. *Each* 2/3

LOID'* DESENSITISER 2/0

LOID'* INTENSIFIERS
mium, Mercuric Iodide and Sodium ite 1/3
ar Plate 2/6

LOID'* REDUCERS
sium Ferricyanide, gr. 2 .. .. .. 1/3
onium Persulphate, gr. 11 .. .. .. 1/6

LOID'* TONERS
, Brown, Blue, Green, Copper Ferro-de Toning Compound 2/3

MISCELLANEOUS CHEMICALS
'Tabloid'* Ammonium Bromide, gr. 1; Potassium Bromide, gr. 1; Sodium Citrate, gr. 1; Sodium Sulphite, Dried, gr. 5 .. .. .. *Each* 1/0
'Tabloid'* Reversing Compound 2/3
'Tabloid'* Sodium Thiosulphate (Hypo), Dried, gr. 28·5 .. .. 1/6
Stains—Blue, Green, Red, Yellow 1/0
'Wellcome'* Wetting Solution 2/6

Photographic Department
BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
183-193, EUSTON ROAD, LONDON, N.W.1

* *Burroughs Wellcome & Co. Trade Marks*

Consistent Quality
Intrinsic Value
Best Results
Absolute Reliability

CIBAZOL (*Sulphathiazole Ciba*)
CORAMINE (*Nikethamide Ciba*)
CALCIO-CORAMINE
NUPERCAINE——NUPERCAINAL
DIAL——DIDIAL——CIBALGIN
PERCORTEN——PERANDREN
LUTOCYCLIN——OVOCYCLIN
COAGULEN-CIBA——TRASENTIN-6H

A PRICE LIST WILL GLADLY BE SENT ON APPLICATION

Ciba LIMITED

THE LABORATORIES
HORSHAM • SUSSEX

Telephone: Horsham 1234
Telegrams: Cibalabs, Horsham

The
CHEMIST AND DRUGGIST
For RETAILER — WHOLESALER — MANUFACTURER
Published Weekly at
28 ESSEX STREET, STRAND, LONDON, W.C.2
Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (10 lines)
Emergency Address: 17 ARGYLE STREET, BATH Telephone: Bath 5492

CONTENTS

	Page
Food for Famine	463
ths	451
siness Changes	466
emical Society Annual Meeting	464
ning Events	468
npany News	449
respondence	468
ths	451
torial Articles:—	
uropean Epidemic Outlook	457
Directive on Gas Cylinders	458
lcohol Allowance Changes	459
uests	449
urance Act Dispensing	452
h Notes	453
Legal Reports	448
Liverpool Chemists' Association	464
Marriages	451
News of the Week	443
Parliamentary News	446
Personalities	452
Quick-fire Questions at Tees-side	462
Recent Research	461
Sight-testing Equipment—II	460
Topical Reflections	447
Trade Marks	465
Trade Notes	450
Trade Report	466
Western Pharmacists' Brains Trust	454
Wills	452

NEWS OF THE WEEK

stal Service to Holland.—Postal service lolland, restricted to non-illustrated ards and letters not exceeding 1 oz. ight on personal matters, or on business ers limited to ascertaining facts and nging information, is now available ost of the area south of the river Maas o the German frontier, including the ls of Walcheren and North and South lland. Correspondence for places to n delivery is not at present possible is held by the Netherlands Post Office. April 30 registration facilities have available in the Holland service.

tail Shops' VE-day Holiday.—The Exe- e of the National Pharmaceutical n on April 25 passed a resolution recom- ing that members should comply with official suggestions made by the Gov- ent regarding closure of shops in exion with VE-day holidays, subject to exigencies of the requirements to tain an essential dispensing service. employees required to give such ce on those dates should receive double pay for the time worked and equivalent time off at a later date.—The Ministry of Health has informed THE CHEMIST AND DRUGGIST as follows:—The Ministry desires to draw the attention of retail chemists to the arrangements made by the Government for national celebration on VE-day and the following day, and suggests, as regards chemists' shops, that the period should be treated on the same footing as other public holidays.

Standard for Coffee Essence.—The Minister of Food has made the Food Standards (Liquid Coffee Essences) Order, 1945 (S. R. & O., 1945, No. 389), prescribing standards for "coffee essences." Liquid coffee essence or extract and liquid coffee and chicory essence or extract are required to contain not less than 0·5 per cent. and 0·25 per cent., respectively, w/v, of caffeine derived from coffee. The products must not contain extractives from any roasted vegetable matter other than coffee, or coffee and chicory, as the case may be. In any proceedings it is a defence to prove

that not less than 4 lb. and 2 lb. respectively of coffee per gallon were used to make the essence. The Order comes into operation on July 1 in respect of sales by manufacturers, September 1 by wholesalers, and December 1 by retailers.

Commercial Travellers' Benevolent Institution.—The half-yearly court of governors will be held at the London offices of the Institution, 4B Frederick's Place, E.C.2, at 12 noon on Saturday, June 30.

Merchant Navy Comforts.—A collection amongst the staff of the powder-packing department at Boots, Ltd., Nottingham, resulted in a sum of £4 10s. being forwarded to the Merchant Navy Comforts Service.

Northern Ireland Register.—The Register for 1945 of the Pharmaceutical Society of Northern Ireland has been issued. Additions to the lists of pharmaceutical chemists and of apprentices have necessitated an additional two pages over last year's register.

Manchester Junior Whist Drive.—The Junior Branch of the Manchester Pharmaceutical Association held a whist drive (organised by the ladies' committee) on April 18. The prizewinners were: The Misses I. Lewis, Perry, Curran, Mrs. Pettitt, Mr. Mann and Miss Challice. The prizes were donated by Mr. J. H. Franklin, and presented to the winners by Mr. W. E. Phillipson.

Medway Lecture and Officers.—The annual meeting of the Medway Branch of the Pharmaceutical Society was held at Chatham on April 26. An address was given by Mr. D. G. Ardley (May & Baker, Ltd.), on "Sulphonamide Therapy." Officers were then elected as follows: *Chairman*, Mr. V. Ross, Maidstone; *Vice-chairman*, Mr. E. Miller, Chatham; *Treasurer*, Mr. J. E. French, Sittingbourne; *Secretary*, Mr. A. J. Clapp, 16 Curzon Road, Maidstone.

Telegraph Service to Belgium.—The public telegraph service to Belgium has been restored. Telegrams must be in plain English, French, Spanish or Portuguese, or in one of the following codes: ABC, sixth edition; Acme commodity and phrase; Bentley's complete phrase; Bentley's second phrase; Lombard general; Lombard shipping (and appendix); new standard half-word; new standard three-letter; or Peterson's international code, third edition. The rate for ordinary telegrams is threepence per word. European letter telegrams (ELT) are accepted at the rate of 3s. 1½d. for twenty-five words, and 1½d. for each additional word.

Portsmouth Association and Branc The following officers were elected at annual meeting of the Portsmouth Chem Association: *President*, Mr. R. G. Trem *Vice-president*, Mr. A. W. Bradb *Treasurer*, Mr. W. E. Bown; *Secre* Mr. F. H. Ruoff, 57 Chichester R Portsmouth. At the annual meeting of local branch of the Pharmaceutical Soc the following appointments were m *Chairman*, Mr. R. G. Tremlett; *chairman*, Mr. A. W. Bradburn; *Treas* Mr. W. E. Bown; *Secretary*, Mr. F Ruoff.

Company Chemists Warned at Lee A meeting of Leeds Branch of the P maceutical Society on April 19 was dressed by Mr. T. Heseltine (a memb the Society's Council and of the Nat Pharmaceutical Union Executive), who a review of present conditions. Mr. Hese told of the Council's action in issui warning to certain company che about the character of some of their and window advertising, and remi them that offences against the craft's of ethics in this matter, if persisted in communications from the Society, be dealt with by way of legal proceed Mr. Heseltine also said he had been gr to learn of the large proportion of phar students who failed in biology, an wondered whether anything could be with the aid from Society headquarte develop the tuition in this subject. applied to Leeds as well as to other of the country.

Anglesey and Bangor Annual Meeti The annual meeting of the Anglesey, Carnarvonshire and Colwyn Bay B of the Pharmaceutical Society was he Bangor on April 18, when the secr announced that, in addition to £5 12 collected for the Benevolent Fund a previous meeting, the sum of £9 14s been raised by the chairman (Mr. M Lloyd, Colwyn Bay), through an app members who were unable to be pr The grand total sent to the committe thus £15 6s. 6d. Three resolutions fro Blackpool Branch, for presentation a annual meeting of the Society on Ma were discussed, and it was agree support them all. The following o were elected: *Chairman*, Mr. A. E. F Llanfairfechan; *Vice-chairman and tary*, Mr. T. Noel Dixon, Bangor; *Trea* Mr. Garlym H. Hughes, Conway; *Na Pharmaceutical Union Secretary*, Mr. Edwards, Penmaenmawr.

omerset Branch Meetings.—The annual ting of the Somerset Branch of the rmaceutical Society was held in Weston-r-Mare on April 26. Mr. W. Deacon ember of Council) presided over a fair ndance. Mr. Deacon was reappointed *irman*, with Mr. D. H. Moore as *etary*. Mr. H. M. Lovell, Weston-super-e, was elected *Treasurer*. After the ness the chairman conducted a "phar-eutical quiz." The annual meeting he Somerset Branch of the National rmaceutical Union was held in Weston-r-Mare on April 26, Mr. H. S. Hoyles, lington, presiding. The work of the was reported on, and officers for the were appointed as follows: *Chairman*, H. S. Hoyles, Wellington; *Vice-rman*, Mr. W. Rex Maunder, Taunton; *etary*, Mr. D. H. Moore, Weston-super-e; *Treasurer*, Mr. H. M. Lovell.

eferendum Demand at Annual Meeting. t the annual meeting of the Southamp-Branch of the Pharmaceutical Society, on April 25, the following officers were ted: *Chairman*, Mr. W. G. Hutcheson; *-chairman*, Mr. W. R. J. Atterbury; *asurer*, Mr. F. Wicks; *Secretary*, Mr. D. Mallinson, Salisbury Road, Totton, ts. A luncheon was proposed in honour he retiring secretary (Mr. W. M. Cox), the meeting recorded a sincere vote of nks to him for his seventeen years' ice. Members expressed their concern he action of the Society's Council in riding a decision taken at the 1944 nch Representatives' meeting, and the owing resolution was passed: When a nch Representatives' meeting passes a lution that does not meet with the roval of the Council, the matter shall referred back to all Branches, where, r discussion, it shall be put to the vote. he decision of the Branch Representa-s is upheld by a clear majority of nches, it shall then become binding on Council.

etition for Discharge from Navy.—A tion for the release from naval duties of H. J. Downie, M.P.S., 20A Townhead, hterarder, Perthshire, was presented at ecial meeting of the local town council April 21. The provost presided, and petition stated that Mr. Downie, who served for over two years with the val Navy, with periods of overseas duty, been given three months' leave of ence in January and had assumed trol of his business. He was, however, alled at the beginning of the month, and in the interval his manager had obtained another post. Mr. Downie had been unable to obtain the services of another qualified manager, and on reporting for duty had had no recourse but to close the shop. He thereupon sought and obtained an interview with the Department of Health in Edinburgh, submitting three letters from local doctors stressing the essential character of the business, and one from the only other local chemist, who stated that he would be unable to cope with the increased amount of business which would result from the closing of Mr. Downie's shop, and pointing out that he himself would become the only qualified chemist and optician between Perth and Stirling. The Department of Health refused to take action. In view of the urgency of the matter, the town council took the almost unprecedented step of calling a special meeting on a Saturday night, and unanimously agreed to support the petition.

Surgical Items Made Tax-free.—The following articles may in future be delivered free of tax provided they are supplied to the specific order of a qualified medical practitioner by reference to the needs of a particular patient: Surgical footwear; belts designed solely for use in cases of movable or floating kidney or colostomy; belts designed solely for use in cases of the following conditions: *Abdominal diseases:* Severe enteroptosis; severe gastroptosis; severe visceroptosis; severe diverticulosis; hernia; *Diseases and injuries of the spine:* Actinomycosis; arthritis deformans; dislocation of the spine; carcinoma of the spine; fibrocystic disease of the spine; fracture of the spine; fracture-dislocation of the spine; osteochondritis juvenilis dorsi; osteomalacia; osteomyelitis of the spine; sacro-iliac disease; spondylitis; tuberculosis of spine; *Deformities of the spine:* Kyphosis; lordosis; scoliosis; spondylolisthesis; *Diseases of the nervous system:* Cerebral diplegia; muscular atrophy; muscular dystrophy; paralysis of abdominal muscles; paralysis of spinal muscles; spinal neurosis; belts fitted with surgical pads, or fitted with, or with provision for, surgical cups, chutes, discs or plates for post-operative wear, and belts (whether or not so fitted) specially designed to protect a recent abdominal incision; breast supports specially designed for use in cases of acute mastitis, chronic mastitis, Paget's disease, amputation of the breast; skull caps with surgical pads or plates; surgical gloves specially designed to be worn by persons with mutilated hands.

PARLIAMENTARY NEWS

Depreciation Allowance for Shops.—Sir J. Anderson (Chancellor of the Exchequer) gave a negative reply on April 26 to a request that he should grant a depreciation allowance of 1¼ per cent. per annum on cost or capital value of shops.

Vinegar Production.—On April 18, Mr. Mabane (Parliamentary Secretary to the Ministry of Food) gave the following figures of vinegar production: Malt (four weeks ended December 9, 1944), 980,000 gall.; non-brewed (December 1944), 459,000 gall. Approximate annual production was: Malt, 12,000,000 gall.; non-brewed, 10,000,000 gall.

Photographic Films.—Sir R. Glyn asked the President of the Board of Trade on April 24 when photographic films of the type usually sold to the public would again be available. Mr. Dalton replied that, owing to heavy demands by the Services, only small quantities of film could as yet be released for civilian use, but he had made arrangements whereby members of the Forces and their families could be photographed.

Retail Licences.—The President of the Board of Trade, in reply to a question on April 24, said he had given instructions that preferential treatment should be given to war-disabled persons who applied for licences to open new shops, and that only in the most exceptional circumstances should such licences be granted to others. Once the war in Europe was over, licences would also be granted, as a matter of course, to persons on the Register of Withdrawn Traders who wished to resume their former businesses.

Alcoholic Bitters for West Africa.—Mr. Sorensen asked the Secretary of State for the Colonies on April 25 if he was aware that a commodity known as bitters was being imported into West Africa, purporting to be a medicine but having from 15 to 20 per cent. alcohol; what quantity of this and similar articles was exported from this country to West Africa last year; whether the Bill recently introduced into Nigeria would prevent or limit the sale of this article; and if he had any information respecting the ultimate selling price to consumers. Mr. Emrys-Evans, in reply, said alcoholic bitters might be imported into West Africa and both their import and their sale were subject to the provisions of the Liquor Ordinances in the four Territories.

Committee on Shop Hours.—In reply a question on April 26, the Home Secre (Mr. H. Morrison) said the Government been giving attention not only to the clo hours of shops, but also to other rel questions, including the hours of emp ment of young persons and the questio the further regulations of health, we and safety conditions in shops and o non-industrial premises, and they decided to appoint a Committee to exa these matters. He was not yet in a posi to announce the composition or pr terms of reference of the proposed C mittee.

Penicillin Supply Position.—In answe a question on April 19, the Ministe Health (Mr. Willink) said: The sch for the wider distribution of penicilli now in operation. Supplies have b issued through the distributing centre nearly all the larger hospitals in the coun and may be obtained, on request, by hospital which has a suitable case. Supp do not yet permit of the unrestricted tribution of penicillin through chem and the usual trade channels, and a pra tioner who requires penicillin for a pat must therefore obtain it from a hosp and not through the issue of a prescrip to the patient.

Advertisements for Technical Appo ments.—Mr. R. Morgan asked the Mini of Labour on April 19 what were the strictions at present in force on the publ tion of advertisements for men and wo possessing qualifications in various branc of science and technology; and whethe view of the difficulties which they crea for those who wanted to engage such s he would arrange for their amendmen an early opportunity. Mr. Bevin, in re said the restrictions in question were t found mainly in the Undertakings striction on Engagement) Order, as reg men, and in the Control of Engagem Orders, as regards women. As stated the White Paper on the reallocation man-power between civilian employme (Cmd. 6568), it was proposed after the of the war in Europe to replace exist control of engagement provisions by single Control of Engagement Order. details of this Order were still under c sideration, but it would clearly be necess to have control over advertiseme addressed to persons within the scope of Order.

TOPICAL REFLECTIONS

mprehensive Statement

e lengthy memorandum submitted to Minister of Health and the Secretary of for Scotland by the Joint Committee red to in your report and editorial le (pp. 432–39, 429) is, as you remark, reasoned and ably presented. I must ss to a suspicion that it is even too reasoned for its primary purpose, the htenment of Government officials; patience may be somewhat strained e they reach its last sentence. Nearly way through the eight pages of the *D.* filled by the text we come to a long nce beginning, "It will be seen from foregoing that pharmacy is a distinct g of a professional character with its sphere of operation." Surely this lusion could have been reached sooner, with a less disproportionate emphasis he functions of the Pharmaceutical ty. Moreover, the statement "The gence of the pharmacist as the succes- to the apothecary was marked by the dation of the Pharmaceutical Society reat Britain in 1841" is too loose for ptance without qualification. The pilers of this opinion may have attached nportance to the remark in the "Morn- Chronicle" of September 6, 1872, that m the ignorance of many apothecaries prescriptions are commonly made up chemist's"; but they can hardly have looked Section 28 of the Apothecaries of 1815, which, subject to a definition, irmed "the trade or business of a chem- and druggist" in its freedom. As has n pointed out more than once, the chem- and druggists of that day would have n well advised to accept the wording inally proposed by the Society of thecaries of London for this section ead of trying to improve it.

Scope of Pharmacy

he latter part of the memorandum, ing forth the place that pharmacy uld occupy in a well-integrated health vice for the nation, is excellent. It was too tactful of the compilers to inform itehall that "the creation of a national lth service . . . imposes the duty on the vernment to ensure that educational and earch activities necessary for that service not handicapped by lack of funds": can easily imagine a cool and sniffy eption for that remark. The value of document is to be found in its definite gestions towards the proposed service. Criticism of the present pharmaceutical service under the National Health Insurance scheme has, wisely, been relegated to an appendix: it has a bearing on the suggestions referred to, but not to the extent of justifying a place in the body of the memorandum. On the relation of the Company Chemists' Association to the Pharmaceutical Society I have already expressed my view. It remains unchanged. The present bickering between the two bodies could have been avoided if, when the Government White Paper was issued, the sensible course of fully associating the company chemists in all discussion and negotiation had forthwith been adopted. Having regard to the number of individual proprietors of chemists' businesses who form private limited companies, the selection of these public companies for exclusion from the negotiating body is difficult to justify.

"Hall-marks" for Plastics

At the recent annual meeting of the British Plastics Federation (p. 427) it was announced that with the co-operation of the British Standards Institution a series of standards for the products of the industry is being prepared. It appears that a kind of hall-mark or something analogous for stamping approved goods has already been established. Though, as the chairman of the Federation pointed out, the plastics industry is comparatively youthful, these steps are wise. Not long ago I heard a complaint about cheap wares made mainly if not entirely of some plastic material; they were so inefficient, my informant said, that they gave no satisfaction either to retailers or to customers. All classes of traders will be glad to know that so important a group of articles—if, indeed, they can be ranked as a single group—is being put on a sound basis, for it is evident that plastics will find their way into every trade and into several professions. Hall-marks on gold and silver goods have a long history. An authoritative account of the subject is found in "Old English Plate" by Wilfrid Cripps, and an outline appears annually in "Whitaker." The goldsmiths of London used no indication of date prior to 1438, but they stamped with a leopard's head as far back as 1300. The examination of marks for dating specimens of plate is an amusing game, and provides a few traps for the unwary. The hall-mark principle is probably destined to be applied to other kinds of goods.

Xrayser

LEGAL REPORTS

Lipstick Fines.—At Marlborough Street, London, police court, recently, Esmorea Chemical Products, Ltd., Regent Street, London, W.1, were fined £750, with £10 10s. costs, for supplying lipsticks in containers contrary to the Toilet Preparations Orders. Samuel Gorb, a former director, was fined £250, with £10 10s. costs, and Maurice Louvain, an employee, was fined £50, with £5 5s. costs, both for aiding and abetting.

Remanded on Receiving Charge.—At Tower Bridge, London, police court, on April 4, Bernard Ellis, Woodford, Essex, and Paul Zech Dupont, Glasgow, company directors, were charged with being concerned together and with Ernest and Charles Ramseyer in receiving, between June and December 1943, 13,325 gall. linseed oil, valued at £3,331. They were also charged with conspiring to receive the oil, knowing it to have been stolen or otherwise unlawfully obtained, and Dupont was further charged with receiving 3,121½ gall., valued at £780, between May 13 and 31, 1944. At the hearing it was stated that over a period of two years a large quantity of linseed oil had been stolen by oil-tanker drivers from the premises of Younghusband, Barnes & Co., Ltd., Rotherhithe. Ellis (the managing director of Bernard J. Ellis, Ltd., paint and polish manufacturers, Leyton, E.) was alleged to have bought oil from the Ramseyers and sold some to Dupont (managing director of Sandimans Varnish, Ltd., Glasgow). The decision of the magistrate was that both accused should be remanded.

Pharmacy Act Fines.—At Pocklington, Yorks, police court, recently, the magistrates imposed fines totalling £30 on Arthur Leslie Spink, M.P.S., carrying on business at Pocklington and other places, for contraventions of the Pharmacy Acts. On charges of selling preparations containing poisons without authority, effecting the sales otherwise than under the supervision of a registered pharmacist, and selling the preparations without the labels required by law, Spink was fined £5 each, but for the use of the title "dispensing chemist" a fine of £15 was imposed, the chairman expressing the opinion that this was "a very bad offence." An inspector of the Pharmaceutical Society stated that from staff records he discovered that for approximately twenty out of the fifty months the shop had been open it had not been under the control of a qualified pharmacist, the last qualified assistant having left so l ago as November 1943.

Pharmaceutical Society's Appeal I missed.—An appeal by the Pharmaceut Society of Great Britain against the missal by the magistrate at Bow Str London, police court (see *C. & D.*, 1 II. 150), of a summons against Hepp (1932), Ltd., chemists, for selling Ta tablets (consisting of or comprising substance recommended as a medic without there being disclosed on the c tainer or a label the ingredients of medicine, was heard by a King's Be Divisional Court on April 30. For Pharmaceutical Society it was argued t the Society was the authority for enforc the Pharmacy and Medicines Act, 1 On the label Taxol tablets were descri as "for the physiological treatment constipation." The formula given incomplete, one important ingredient (al not being disclosed. The magistrate fo that the respondents did not know and l no reason to believe that the tab contained aloes. Counsel contended t under Section 13 (1*a*) of the Pharmacy Medicines Act, it was not a defence prove that the seller of a substance wh was recommended as a medicine did know or had no reason to believe tha comprised any ingredient other than th declared on the label, and that the sect provided a defence only when the reta proved that he did not know and had reason to believe that what was sold recommended as a medicine. In this c the respondents knew that Taxol tabl were recommended as a medicine. respondents contended that the legislat did not intend that there should be impo on chemists an obligation to analyse proprietary medicines before they s them, to which the defence replied that public had a right to be protected agai secret nostrums. Giving judgment missing the appeal, Mr. Justice Lewis s that it was contended on behalf of Society that Section 13 of the Act wa defence to a retailer only if he could sh that he did not know that what he sold recommended as a medicine. "I do take that view. I think it is sufficient him to show that he did not know and no reason to believe that the article s contained something which did not app on the label. In my view the magistrat decision was right, and this appeal must dismissed." The two other judges agree

COMPANY NEWS

RICHARD G. MUMFORD & CO., LTD. P.C.).—Capital £10,000. Chemists, drug-ists, etc. Richard G. Mumford, M.P.S., nd Mrs. Margaretta E. L. Mumford, irectors. R.O.: 4 Victoria Terrace, Hove.

INDUSTRIAL BY-PRODUCTS, LTD. (P.C.).—apital £1,000. Manufacturers of and ealers in by-products or residues arising rom chemical or industrial processes, etc. Vilfred Smith and Mrs. Lilian H. Smith, irectors. R.O.: Portland House, 73 Basinghall Street, London, E.C.2.

JOHN H. CHARLTON (CHEMISTS), LTD. P.C.).—Capital £2,000. To acquire the usiness of a chemist carried on by John I. Charlton, 21 Station Road, Gosforth. ohn H. Charlton, M.P.S., and Jessie B. harlton, directors. R.O.: 21 Station Road, Gosforth, Newcastle-on-Tyne, 3.

SHELL CHEMICAL CO., LTD. (P.C.).—apital £100,000. Merchants, manufac-urers and concessionaires in connexion ith goods involving chemical or scientific reparations, etc. Directors to be ap-ointed. Solicitors: Waltons & Co., 101 eadenhall Street, London, E.C.3.

F. M. LANGFORD, LTD. (P.C.).—Capital 1,000. To acquire the business of a manu-acturing chemist and general merchant arried on by F. M. Langford, 61 Mildmay ark, London, N.1, and 40–41 Wellclose quare, E.1. Frank M. Langford, Leonard ongman and Hilda B. Galloway, directors. R.O.: 40 Wellclose Square, London, E.1.

LUXAN (HENRY FRANC & LAUDER), LTD. P.C.).—Capital £30,000. Manufacturers, erchants, importers and exporters of, ealers in and agents for, sanitary towels, ools, lints, surgical and medical plasters, tc.; to acquire the goodwill and all or ny of that part of the business of Henry Franc & Lauder, Ltd., which is concerned ith such articles; and to adopt an agree-ent with the said company and Harrison Knitting & Textile Machinery Co., Ltd. Frederick J. Fernie and Harold H. Catterall, irectors. R.O.: 4 Chepstow Street, Manchester.

THE BRITISH DRUG HOUSES (AUSTRALIA, PTY.), LTD.—Mr. S. P. Ahearn has been lected to the board, and appointed manag-ng director.

C. E. FULFORD, LTD., Leeds.—Mr. Alfred Wiseman (home and foreign sales and dvertising manager) has been appointed director.

INQUESTS

Aspirin But Little Food.—At an inquest at Chesterfield recently on Esther Mundy, Boythorpe, a verdict of death by mis-adventure was returned. It was stated that the woman had taken about twenty-four tablets prescribed for her by a doctor and containing aspirin and phenacetin, but had had little to eat before taking them. This, according to the medical evidence, had produced acute poisoning.

Cyanide Container Upset.—A verdict of death by misadventure was returned at Sheffield, recently, on Winifred Dunn, an employee in the electro-plating depart-ment of Viners, Ltd., Bath Street, Sheffield, who died from poisoning after upsetting a container of cyanide over herself while working. The coroner urged the need for publicity about the dangers of cyanide poisoning by absorption through the skin.

Rat Poison Suicide.—At an inquest at Dervock, co. Antrim, N. Ireland, recently, upon a youth named James Currie, Knockanboy, who collapsed and died at his home on January 2, the coroner returned a verdict of death from poisoning, self-administered, while temporarily insane. It was stated that Currie, who had been in failing health, had bought rat poison. Later he was taken ill, and he died shortly after the arrival of an ambulance.

Aspirin Overdose.—A verdict of "acci-dental death due to taking an overdose of aspirin" was returned at Sedgefield, co. Durham, recently, following an inquest on Mrs. A. J. Lockey, who, it was stated, was in the habit of taking aspirins and had been known to take as many as ten at a time. She ignored a warning that it was dangerous to take so many. After her death "dozens of tops of aspirin tubes" were found on the floor of her room.

Wintergreen Instead of Whisky.—At an inquest in Londonderry on April 2, on Mrs. Jeannie Magee, who died after admission to the Waterside General Hospital, a verdict was returned that death was due to the effects of accidentally taking wintergreen oil. James Magee, the husband, said that his wife had suffered from pains in her head and legs, and he had kept a small bottle of whisky and a supply of wintergreen in the house, the wintergreen being used for massage. On the night of March 30 he was awakened by his wife's screams; she had taken wintergreen instead of whisky. There was no label on either bottle.

TRADE NOTES

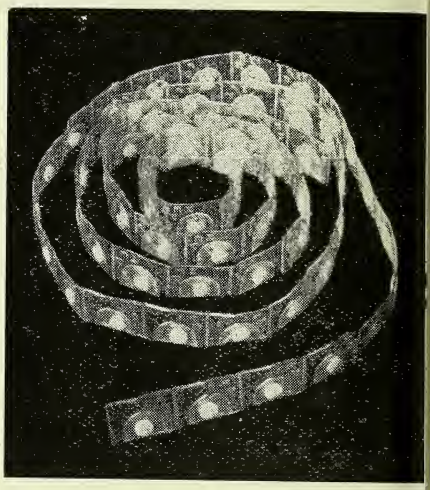
Price Reduction.—Boots Pure Drug Co., Ltd., Nottingham, announce new reduced prices for tablets of dienœstrol-Boots in 0·1-mgm., 0·3-mgm., 1-mgm. and 5-mgm. strengths. Each strength is packed in bottles of 25, 100 and 1,000 tablets.

Sole Distribution.—Pharmaceutical Distributors (Glasgow), Ltd., 187 St. Vincent Street, Glasgow, C.2, have been appointed sole distributors in Scotland for the Morhulin specialities of the Priory Laboratories, Ltd. All Scottish inquiries should be addressed to the distributors.

Discontinued.—Allen & Hanburys, Ltd., London, E.2, announce that Torch brand cod-liver oil has been discontinued since May 1. The only available speciality cod-liver oil from the company will be Allenburys Perfected. Each ounce of this contains 28,000 units of vitamin A and 2,800 units of vitamin D. The product is available in 8-oz. and 16-oz. bottles.

Guide to Photographic Exposures.—A new edition of the Wellcome photographic exposure guide, which includes up-to-date tables of exposure times, development factors, and an improved calculator disc, is now available from the photographic department of Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), 183 Euston Road, London, N.W.1. A list of Tabloid photographic chemicals is given on another page of this issue.

Polythene as Packing Material.—Mepacrine is now being packed in polythene for use by British and Allied troops in the jungles and swamps of the Far East. The drug was produced by Imperial Chemical Industries, Ltd., to replace quinine, but it was found that tablets of the compound dissolved or deteriorated in the damp heat of tropical jungles, and a new method of packing had to be devised. Polythene, a flexible plastic that can be produced in thin, waterproof sheets which retain their flexibility through wide variations of temperature, was adopted. This plastic had never before been used as a packing material, but the most rigorous tests showed that it was unaffected by tropical heat and that mepacrine tablets wrapped in it could be left lying even in salt water for months and emerge as fresh as when they were packed. Two important problems were how to get each tablet into its individually-sealed compartment in the polythene ribbon and how many millions of tablets a week could be dealt with. Genatosan, Ltd., Loughborough, Leics, possessed suitable machinery which, after slight adaptations, could take a special grade of polythene film only $\frac{1}{250}$ in. thick. A strip of seven pockets



(a week's supply) is issued to men on the Burma front; each day one pocket is torn off, leaving the rest safely protected from air, heat and moisture. The problem of ensuring adequate supplies of mapacrine for troops abroad has thus been solved.

Business Changes

COLLOIDAL CHEMISTS, LTD., have removed to 35 Bessborough Place, London, S.W.1.

MANESTY MACHINES, LTD., Liverpool, remind customers in India that Alfred Herbert (India), Ltd., Calcutta, are no longer their sole agents in that territory. Inquiries should be sent direct to Liverpool.

WATFORD CO-OPERATIVE SOCIETY, LTD., has decided to link up with National Co-operative Chemists, Ltd., in the establishment of pharmacies in Watford, Bushey, Harrow, Kenton, Wealdstone, Pinner, Stanmore, etc.

Proprietary Articles Trade Association

Additions to Protected List.—*Cooper, McDougall & Robertson, Ltd.*, Cooper's household fly-spray, 2s. 6d., 20s. doz.; 3s. 9d., 30s. doz. (exempt from tax).

BIRTH

BEE.—At Galashiels Hospital, on April 9, Marjory, the wife of William Bee, M.P.S., 4 Huddersfield Street, Galashiels, Selkirkhire, of a son.

MARRIAGES

SMITH—BURRELL.—At West Church, Selkirk, recently, Arthur Johnston Smith, M.P.S., Glenview, Selkirk, to Greta Burrell, Selkirk.

WILSON — NEWSHAM. — At Feniscliffe Church, Blackburn, on April 26, Sergeant John K. Wilson, M.P.S., R.A.M.C., Ilkeston, Derbyshire, to Audrey Newsham, M.P.S., Lynton, Feniscliffe, Blackburn.

DEATHS

CARTER.—At sea, during November 1944, Mr. Eric Carter, R.A.F., M.P.S., Brantwood, Fire Avenue, Ashton-under-Lyne, Lancs. Mr. Carter qualified in 1940.

CLOHERTY.—Recently, Mr. William Joseph Cloherty, R.D., until twelve months ago manager of Grealy's Medical Hall, Galway. Mr. Cloherty resigned owing to failing health. He had been a member of the staff of Messrs. Grealy for about twenty-five years. He was a keen fisherman, and spent much of his spare time on Lough Corrib as a member of the Galway and Lough Corrib Anglers' Association.

DAVIES.—On active service, recently, Mr. David Clifford Davies, M.P.S., 36A Regarth Avenue, Romford, Essex. Mr. Davies qualified in 1936.

DEWHURST.—On April 11, Mr. William Dewhurst, M.P.S., 61 Nunnery Lane, York, aged seventy-five.

DOUTHWAITE.—On April 19, Mr. John Douthwaite, M.P.S., 71 Front Street, Prudhoe, Northumberland, aged seventy-seven.

DRANCZ.—Suddenly, on April 13, Mr. Jerzy Drancz, 16 Pitt Street, Portabello, Midlothian, aged forty-seven. Mr. Drancz was temporarily on the register of the Pharmaceutical Society. He was a native of Poland.

GODDEN.—While on air operations in July 1944, Flight-Sergeant Stephen Willoughby Godden, M.P.S., Cranford, Benjamin Road, High Wycombe, Bucks. Flight-Sergeant Godden qualified in 1932.

HALL.—On April 5, as the result of an accident, Mr. Sidney Moreton Hall, husband of Mrs. Margaret Hall, M.P.S., 5 Hightown, Middlewich, Cheshire.

HUGHES.—At 41 West Way, Bournemouth, on April 14, Mr. Henry John Hughes, formerly of Moor Drift, Barton Wood Road, Barton-on-Sea, Hants, aged eighty. Mr. Hughes qualified as a chemist and druggist in 1891.

LODGE.—During an operational flight over Germany in the early part of 1944, Flying-Officer Abraham Gordon Lodge, M.P.S. Flying-Officer Lodge qualified in 1939.

LONGLEY.—In India, recently, Signalman Edward Longley, M.P.S., 115 Lake Road, Portsmouth, aged thirty-five.

MACGREGOR.—Recently, Mr. Charles MacGregor, Elmcroft, Birmingham Road, Avechurch, nr. Birmingham, Birmingham branch manager for the North British Rubber Co., Ltd. In October next Mr. MacGregor would have completed fifty years in the service of the company, which he joined in Edinburgh in October 1895. In June 1905 he was transferred to Birmingham branch, the management of which he eventually took over in April 1916. He was well known in the Midlands, and his passing will be regretted by a large circle of business friends. The funeral took place on April 23.

RAMSDEN.—On April 20, Mr. Reginald Ramsden, M.P.S., 19 Beast Fair, Pontefract, Yorks. Mr. Ramsden qualified in 1904.

SCOTT.—On April 20, Mr. Horatius Ninian Bonar Scott, M.P.S., 3 Grange Loan, Edinburgh, 9, aged forty-eight.

SHEPHERD.—On April 6, Mr. John William Shepherd, Ph.C., Studfold, Horton-in-Ribblesdale, Settle, Yorks, aged eighty-nine. Mr. Shepherd qualified in 1877 and passed the Pharmaceutical Chemist examination in 1880.

WARDLEWORTH.—At her residence, 168 Cote St. Antoine Road, Westmount, Canada, on March 23, Mrs. T. Wardleworth, widow of the late Mr. Theo. H. Wardleworth, (National Drug & Chemical Co.). She is survived by one son and two daughters (Mr. T. H. Wardleworth, Mrs. S. B. Earle, and Miss Una Wardleworth).

WILLIAMS.—Suddenly, Mr. P. Charles Williams, J.P. (Charles Williams & Co., makers of surgical appliances, Stoney Street, Beeston, Notts), aged sixty-one.

WILLIAMS.—At York Military Hospital, on March 29, Sergeant Victor Wynne Williams, M.P.S., R.A.M.C., 43 High Street, Llangefni, Anglesey, aged twenty-five. Sergeant Williams qualified in 1942.

PERSONALITIES

MAJOR-GENERAL SIR EVAN GIBB, K.B.E., C.M.G., D.S.O., has been re-elected *President* of the London Chamber of Commerce.

MR. D. J. WILLIAMS, B.Sc., Ph.C., has resigned his position as a member of the Bath City Council on account of pressure of work as principal of the pharmacy department at Bristol Merchant Venturers' Technical College. Mr. Williams was co-opted on to the Council during the war.

MR. W. H. RICHARDSON, Ph.C., High Street, Portadown, has received intimation that his son, Warrant-Officer Ronald Richardson, R.A.F., who was reported missing after recent air operations in Europe, is now safe in England. Warrant-Officer Richardson is a member of the staff of Thomas McMullan & Co., Ltd., Belfast.

SIGNALMAN FREDERICK E. UNDERWOOD, M.P.S., Little Brittox, Devizes, Wilts, is home again after release by the U.S. Forces from a prisoner-of-war camp in Germany. Formerly an employee of Boots, Ltd., Signalman Underwood has been in the Army for just over three years. He took part in the North African and Italian campaigns, and was taken prisoner at Arnhem.

MAJOR (DR.) BEN HOLDEN, elder son of Alderman B. Holden, J.P., M.P.S., Victoria Street, Blackburn, has arrived home from Italy on furlough. Evacuated from Dunkirk, Dr. Holden served in North Africa, where he was mentioned in dispatches, before going to Italy. Captain Dr. W. S. Holden, R.A.M.C., younger son of Alderman Holden, has returned home from Germany, where he has been a prisoner of war five years.

WILLS

MR. ROBERT HARPER BAILEY, M.P.S., Cleveleys, nr. Blackpool, left £10,162, with net personalty £10,133.

MR. FREDERICK WALTER WHITELEY, M.P.S., 152 Charminster Road, Bournemouth, left £3,402, with net personalty £932.

MR. ERNEST THORNHILL, 78 Broxash Road, Battersea, London, S.W.11, chemist and druggist, left £12,586, with net personalty £12,548.

DR. ROBERT JAMES ROWLETTE, M.D., F.R.C.P., King's Professor of Materia Medica and Pharmacy at Dublin University, left personal estate in England and Eire valued at £6,565.

INSURANCE ACT DISPENSIN

Blackburn.—During 1944, 320,698 pr scriptions were dispensed in the area of th Insurance Committee at an average co of 12·04d. The average frequency p insured person was 5·40, and the avera cost per insured person, 65·03d. In Januar 1945 Blackburn chemists received pa ments amounting to £1,581.

Essex.—The following table gives con parative details of dispensing done und contract with the Insurance Committee f the county during the years 1939–44:—

Year	Pre-scriptions	Insured persons	Total cost	Averag cost pe pre-scriptio
				d.
1939	2,219,760	496,045	£84,510	9·21
1940	2,113,716	491,599·5	£88,825	10·21
1941	1,878,574	465,937	£86,858	11·13
1942	2,066,635	472,069·5	£98,029	11·43
1943	2,399,460	488,763	£119,160	11·97
1944	2,316,089	499,770	£120,849	12·55

Lancashire.—The annual report of th Prescription Pricing Department of th County Insurance Committee price 4,367,596 prescriptions during 1944– against 4,109,397 in 1943. During the yea it was necessary to return 16,792 prescrip tions to chemists for further informatio the chief reasons being omission of maker' name, quantity not stated, or an indicatio of net cost being needed. The number o pharmaceutical establishments on the Com mittee's list at December 31, 1944, wa 1,304, of which 723 were outside the count area; fifty-one were non-dispensing shop

South-west Lancashire and Cheshire.— The following table gives comparativ statistics of prescriptions dealt with in th area of the Joint (Prescriptions) Committe during 1944:—

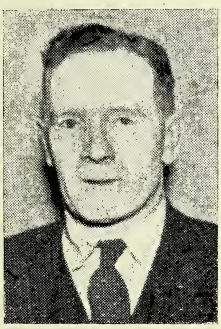
Year	Prescrip-tions	Total cost	Average ingred'nt prices	Averag total cost pe prescrip tion
		£	*d.*	*d.*
1940	4,753,663	188,185	5·16	9·50
1941	4,124,037	179,529	6·11	10·45
1942	4,331,927	197,832	5·80	10·96
1943	4,841,696	231,439	6·22	11·47
1944	4,769,849	239,268	6·77	12·04

Total prescriptions and frequency o issue both declined.

IRISH NOTES

Dublin Chemists' Rugby.—At Donnybrook, Dublin, on April 8, the Chemists' Rugby team ended up their most successful season to date by defeating a strong Dublin Hospitals Selected fifteen, which included several current inter-provincial players. The score was three points to nil.

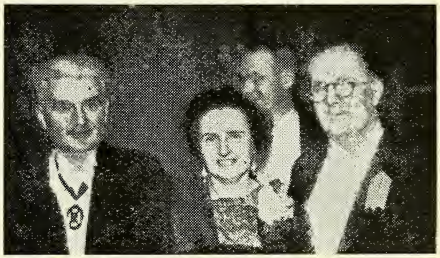
Irish Chemists' Golf.—The Irish Chemists' Golfing Society inaugurated its 1945 season at the Hermitage Golf Club, co. Dublin, on April 15. The morning fixture was an eight-hole strokes competition for the Dalmas trophies, and Mr. Michael Costelloe (...) emerged the victor with 74, the runner-up being Mr. P. McAuliffe (...), with 75. The afternoon was given over to a nine-holes bogey competition for prizes presented by Allen & Hanburys, Ltd., and Coty, Ltd. Mr. J. A. Hurson (two up) was first and Mr. D. Gillen (one down) was second. At a supper held following the competitions, Mr. A. Maher (captain) presided. He complimented members on an excellent beginning, and hoped they would have still bigger outings during the season. He was especially glad to welcome back Messrs. E. MacManus and W. R. Such to the Society after their illnesses. A vote of thanks to the donors of the prizes was carried on the motion of Mr. Costelloe, seconded by Mr. McAuliffe, to which Mr. Hughes and others replied.



Mr. Andrew Maher, Ph.C.

Dublin Chemists' Dance.—The seventeenth annual dance of pharmaceutical chemists and students, held in Dublin on April 12, was attended by many members of the Gaelic Athletic Association, Camogie and Rugby Clubs, and the president of the Pharmaceutical Society (Mr. C. J. Cremen) with Mrs. Cremen, Mr. Lyall G. Smith (president, Irish Drug Association) with Mrs Smith, Mr. P. C. Cahill, Mr. and Mrs. Silvester O'Farrell, Mr. M. J. Baynes and party, Mr. and Mrs. T. J. Gleeson and party, Mr. W. P. Mullen and party, Mr. and Mrs. Leonard, Mr. P. Lawlor, Mr. T. Jones, Mr. Bree and party, Mr. H. Finn and party, Mr. T. McCabe, Dundalk, and party, Mr. and Mrs. O'Leary and party. The members of the committee which organised the function were Messrs. P. Rosney (chairman), W. Gardiner (treasurer), J. D. Tooher (secretary), M. J. Hanna, J. Treacy, C. Ward, J. Tierney, S. Boyd, S. Fox, P. Moran, N. Beirne, W. Prenderville, J. Dodd, E. Brown, J. Tobin, F. Walsh, K. Deerey, Misses R. Manley, M. Ford, and F. Quinn. The object of the dance was to raise funds to establish a club for pharmacists

Irish Drug Association.—Mr. Lyall G. Smith (president) was in the chair at recent committee meetings of the Irish Drug Association, when attention was drawn to an Order made by the Minister for Supplies prohibiting traders from accepting soap coupons in advance of the date on which they become available for use by domestic consumers. Members were also urged to exercise care when dispensing prescriptions according to formularies, when such prescriptions were ordered by numbers or titles, instead of the full recipe. To obviate confusion regarding the Transport Employees' Formulary it was pointed out that prescriptions must be written on the official stationery of the Transport Company. The president and Messrs. A. J. Donnell, T. R. Bourke, J. J. Roche, F. X. Meagher, D. J. Bridgeman, B. R. Smith, and R. A. Kidney, were selected to represent the Association at a meeting with the Prices Section of the Department of Supplies. The report of a special committee meeting held to discuss an application from the Dublin Corporation Public Health Department for special terms for the supply of medicines to persons attending the clinics for tuberculous persons in the Crumlin and Kimmage areas was considered. A reminder was given to members that subscriptions were due.



The president of the Pharmaceutical Society of Ireland (Mr. C. J. Cremen) with Mrs. Cremen and Mr. George Hewson at Ballina.

WESTERN PHARMACISTS' BRAINS TRUST

A "BRAINS TRUST," called together by the Western (London) Pharmacists' Association on April 24, consisted of Messrs. E. A. Brocklehurst, Hull; T. Heseltine, Normanton; H. Steinman, Manchester; and Alderman W. J. Tristram, J.P., Liverpool, with Mr. Frank Noble as question-master. The following questions and answers are selected from many discussed:—

How is the title National Pharmaceutical Union of Independent Proprietor Chemists squared with the fact that membership is accepted from limited companies whose only capital held by pharmacists is a nominal £1 share held by qualified "cover"?

MR. TRISTRAM: It is a surprise to me that anyone with £1 capital can become a member; unless a good deal of capital is invested by pharmacists, membership would be refused. The Executive has the right to refuse membership.

MR. BROCKLEHURST: There are some companies with one or two shares held by pharmacists but they are in a small minority; less than 1 per cent. are represented by the type of business referred to.

MR. HESELTINE: In other words, 99 per cent. are positively retail pharmacists—one-man businesses, and that kind of thing. The Executive has the right to refuse and takes each case on its merits.

No Diversion of Funds

Is it desirable that funds earmarked for the new building of the Pharmaceutical Society should be diverted to increase the value of scholarships?

MR. HESELTINE: The fund earmarked for new buildings has not been diverted to scholarships.

Will foreign pharmacists registered temporarily be able to continue in pharmacy after the end of the war?

MR. HESELTINE: The arrangement is a war-time measure only, and so soon as hostilities cease the Council can "de-register."

MR. TRISTRAM: I think consideration might be given to those who wish to continue their registration after the war, such as foreigners with conditions difficult in their own country; if their qualification is as high as ours I think they should be given an opportunity.

Does the brains trust consider it at all likely that the Minister of Health will ignore the claim of the company chemists, who are not represented on the Joint Committee on a National Pharmaceutical Service?

MR. HESELTINE: I would say the Mi try of Health would consider the comp chemists' claims in conjunction with ot claims.

MR. BROCKLEHURST: Their claims, given separately, may be harmful to memorandum submitted by the Jo Committee.

MR. TRISTRAM: I do not know w claims they can make that every phar cist is not entitled to make. They might w to put a different angle on their case, I should resent their having any cl which any other pharmacist is not titled to.

THE QUESTION-MASTER: The man put the question perhaps thinks that th might be separate negotiations with co pany chemists, who might approach Ministry of Health with a suggestion t they should do the dispensing.

MR. HESELTINE: Even if they did so Ministry would turn them down.

MR. STEINMAN: It might well be t when the negotiation stage is reached company chemists, with their sections pharmacy, will have to be represented, b if they were to offer the Governmen service on their own account, I do feel that they would have a ghost o chance.

MR. TRISTRAM: The companies had opportunity of consulting with other bod There was a Joint Committee, and ev section of pharmacists was represent Instead of bringing constructive critic to the Committee's report they brought a document on their own, and took no p in the discussions.

Does the brains trust consider it would an improvement if a pharmaceutical stua completed his academic studies and pas his qualifying examination prior to apprenticeship and practical training?

MR. HESELTINE: I feel I would not l to take the job of attempting to te pharmaceutical routine to a man or wom recently qualified.

MR. STEINMAN: Some modification apprenticeship must come. It may desirable for the Intermediate stage to taken before apprenticeship begins.

MR. TRISTRAM: I think the prelimin scientific stage, but not the whole qualifi tion, should be before the apprenticesh It is too much to expect the individual judge whether he likes pharmacy or i if he stays at college until twenty-one a then starts shop work.

HE QUESTION-MASTER: Clearly, opinion hat things should remain roughly as they : apprenticeship first and qualification erwards.

IR. TRISTRAM: I do not agree. I think must say we are divided.

IR. STEINMAN: We shall have to find appy combination of both.

s it desirable for the secretary of a body resenting any trade or profession to accept osition in the Government, whereby his alty to his craft might be divided?

IR. STEINMAN: Isn't that a one-sided w? The individual who seeks opportity elsewhere might be in a better posi- to advance the cause for which he nds.

IR. BROCKLEHURST: The questioner rred to the case of a pharmacist who k a position in Parliament, and it was y when it appeared that his interests e divided that criticism arose.

IR. HESELTINE: It would depend upon man or woman. It may be for the good he organisation.

IR. TRISTRAM: The questioner referred a position in the Government and not Member of Parliament. We have only one experience of a secretary taking Governmental position, and that was William Glyn-Jones, and he did not e a position in which his interests were ided.

an the Pharmaceutical Society impose a it on the number of pharmacists in the ntry?

IR. STEINMAN: The Joint Committee, ts draft submitted to the Government, s for powers to provide an efficient vice. The Council will never be able to rive pharmacists of the right to open a rmacy, but it is desirable for members have the right to say whether or not a eague can be accepted as a contractor ler a new health service in an area that vell serviced. It would be dangerous to it pharmacists, but a good thing to limit tractors. If men and women go into iness and have the fear hanging over ir heads that some unscrupulous person ikely to set up next door, that retards gress.

Are the speakers in agreement with the cy of the Executive of the N.P.U. in ociating itself with the Joint Industrial ncil, on which the employees' side is resented only by comprehensive trade ons having a minute membership of rmacists, and when, in most cases, the resentatives are professional trade-union anisers?

MR. TRISTRAM: It is the Ministry of Labour that calls members together and picks out the employee organisation that shall represent the bulk of the employees.

MR. STEINMAN: To me it is a matter of deep regret that there is not a pharmaceutical organisation for non-proprietor pharmacists.

Sale of Penicillin

Do the speakers consider that Regulations should be made, through the Poisons Board or otherwise, to control the retail sale of penicillin?

MR. TRISTRAM: I think there should be some control, but not necessarily through the Poisons Board.

MR. HESELTINE: I think penicillin is controlled through the Therapeutic Substances Act, but the position should be watched.

MR. TRISTRAM: That control is only because of shortage, but I think penicillin should continue to be controlled even when there is a good supply.

A MEMBER OF THE AUDIENCE: Should penicillin be dispensed and not sold?

MR. TRISTRAM: Yes.

Under the National Health Service will pharmacists resolve themselves into two classes, the first taking dispensing and the second commercial interests, according to individual preference?

MR. HESELTINE: If we get pharmacists to dispense in a National Health Service there are bound to be two types of pharmacists.

MR. TRISTRAM: I doubt whether newly-qualified people will want to develop on commercial lines. Some may, but to that extent there will be division. I do not think a well-trained pharmacist would wish to leave the professional side of his business.

MR. STEINMAN: I believe that, for the first time in the history of pharmacy in this country, pharmacy has the opportunity of establishing itself in its proper sphere, and if pharmacists can be accused of commercialism it is because the pharmaceutical cake is too small. That is going to be enlarged, and I do not see the necessity of entertaining the two types of shops. I think members should build up the pharmacy all would like to see established, in which pharmaceutical work is the main occupation of pharmacists, who are in control.

MR. BROCKLEHURST: There is a possibility that pharmacy will develop as the questioner says, and that in ten or fifteen years there will be two classes of pharmacists.

'TRIAD'CHERRY *Flavoured* MALT & OIL
COLD CURE CAPSULES
'VYTINA' TONIC TABLETS
HALIBUT OIL & MALT
TONIC PHOSPHATES
TIN OX TABLETS

John Bell
PRODUCTS

reliability remembered
demand undiminished
supplies somewhat short

JOHN BELL, HILLS & LUCAS LTD.
Oxford Works, Worsley Bridge Road, S.E. 26

GLASSBLOWING
BENCH BLOWN
LABORATORY AND INDUSTRIAL GLASS APPARATUS. (*Also REPAIRS*)
G. C. AIMER & CO. 56-8 ROCHESTER PLACE, CAMDEN RD., N.1
GUL. 3618

TRIMETHYLAMINE

Now available in working quantities

MONSANTO CHEMICALS LIMITED

RUABON · WREXHAM · DENBIGHSHIRE
Telephone: RUABON 3191

ABSOLUTE ALCOHO
JAMES BURROUGH LTD.
I Cale Distillery Lambeth S.E

BETTER *Advertising* & MARKETING

40 years' success with proprietary lines of national and international fame enable us to offer our clients many solid advantages. Our advertising sells goods at the lowest on-cost.
STUART HIRST, LTD.
Survey House, 15 Bond Street. Leeds, 1

RANKIN BROTHERS & SON
(RANKIN PARTNERS, LTD.)
139 BERMONDSEY STREET LONDON S.E.1
for DISPENSING
CORKS
OWNERS OF THE FINES
CORK FORESTS IN PORTUGA

METALDEHYDE
SAFE SOLID FUEL AND SLUG KILLER.
In Handy Packets
1/- 2/- 4/6
Trade Enquiries to
H.R.NAPP LIMITED,
3 & 4, Clements Inn, London, W.C.2.

WILCOX, JOZEAU
WHITE LION ST.
FOREIGN PROPRIETARIES
NOW MADE IN ENGLAND
TELEPHONES: TERMINUS 308

THE
HEMIST AND DRUGGIST
ESTABLISHED 1859
RETAILER — WHOLESALER — MANUFACTURER
culates throughout the Pharmaceutical, mical, Drug, Essential Oil, Perfumery, metic, Toilet Preparation and allied des and Industries in Great Britain, Eire, British Empire, and foreign countries
ial organ of The Pharmaceutical Society of nd, The Pharmaceutical Society of Northern nd, The Chemists' and Druggists' Society of nd and of other Chemists' Societies in the Empire

CXLIII MAY 5, 1945 NO. 3404

fact that goods made of raw materials hort supply owing to war conditions are rtised in this paper or described in its orial columns should not be taken as an cation that they are necessarily available export.

uropean Epidemic Outlook

a report on the epidemic outlook in ope, recently published, the Chief of Epidemiological Information Service J.N.R.R.A. states that during this war e has been no pandemic of first magde. Gratifying though this is, the fact t not be taken to mean that the epide- situation is so satisfactory as it was re the war, nor as indicating a favour- outlook for the first years of transition peace. The absence of real disasters be traced to the low epidemic level of t diseases during the years preceding war, in conjunction with the advance reventive medicine and the application a large scale of its principles. On the er hand, caution against over-optimism ictated by the disastrous aftermath of rld War I. After referring to the panic of first magnitude which struck the ld after the last war, the report says t with World War II entering its final ge, conditions propitious to the propaon of epidemics are likely to grow se during the current year.

mong the five pestilential diseases ered by the International Sanitary ventions only louse-borne typhus presents an immediate and grave danger to Europe. Cholera has not appeared within recent years west of India and Afghanistan. Yellow fever seems hardly to have spread during the war, and has not been observed north of the North-African desert belt. Had no precautions been taken, the extension of these diseases would probably have been different. So far as is known, plague has not been introduced into any European part during the war. Nevertheless, this may happen at any time. Europe has remained practically free from smallpox during the war except for the 1944 outbreak in Sicily and Southern Italy, and an extension of the Near East epidemic into European Turkey and the neighbouring parts of Greece.

Smallpox and Typhus

The most encouraging element in the whole epidemic situation is that there were only three cases of smallpox in 1944 (seven cases in 1943) among the more than 200 million inhabitants of continental Europe outside the Soviet Union and the Mediterranean Peninsular areas. In 1919 there were nearly 50,000 cases of smallpox in this area. Typhus presents a far greater danger than smallpox. In certain areas severe epidemics are already under way, and in much larger areas the danger is potential because for several years there has been an insidious spread of sporadic infection throughout Central Europe. It should also be remembered that North Africa and the Near East are just emerging from an epidemic wave extending from Morocco to Iran, which has been amongst the worst on record in several of the countries. The report adds that unofficial information gives 30,000 cases of typhus in Moldavia alone, and the epidemic is likely to increase until May. So far, this is undoubtedly the most serious epidemic outburst of any disease during the present war. The typhus-free area of the European continent now consists only of the three Scandinavian countries, Finland, Switzerland and, except for relatively rare sporadic cases, the Netherlands, Belgium and France.

Apart from the menace of typhus, the most significant fact of the epidemic situation

is that the incidence of all the common infectious diseases has doubled or trebled in that part of the European continent for which statistics are available, and this means chiefly among the resident population of the less desperately afflicted countries. Dysentery is perhaps to be feared even more than typhoid fever during the immediate post-war period. The heavy increase of dysentery cases over the pre-war level which took place in the Netherlands suggests that only a fraction of the cases occurring elsewhere in Central Europe have been notified. The "new" disease of this war has been epidemic jaundice. From an obscure existence among the garrison of Malta and in a few German army units, it assumed such proportions as to interfere occasionally with military operations, and spread among the civilian population from the Lybian Desert to the North Cape. The disease was really not new, for it was known already from World War I. The reported incidence for each of the last two years has been as high as 1 per cent. of the civilian population in Norway, and 4 per cent. in some of the provinces. Even higher rates of incidence have been reported in certain military units in North Africa. The disease appears to have been widespread in Germany, but, if it has been made notifiable, the number of cases has remained secret. Epidemic jaundice is clearly a virus disease of an extremely high degree of infectivity and capacity for covering distances, which may have to do with the long period of incubation (three or four weeks). Since its potentialities are unknown, and means of combating it have not so far been devised, the disease deserves to be closely watched.

So far, diphtheria has turned out to be the leading epidemic disease of the war on the European continent as a cause both of morbidity and of mortality. The incidence of carriers has increased enormously. The most serious development of diphtheria, however, is not so much its spread as the change in type and its increasing gravity. Scarlet fever has spread almost as much as diphtheria, and with few exceptions its incidence is from two to five times the pre-war level. Nevertheless, there has been no explosive epidemic comparable to the diphtheria outbreaks in the Netherlanc and Norway. The only important epidem disease which seems to have remaine unaffected by the war is influenza. Tl usual winter waves have come and passe the most recent reaching its peak durir the early part of the winter of 1943–4 Nevertheless, the danger of major influen epidemics cannot be entirely disregarded

In addition to epidemic perils, tl increasing incidence of endemic disease such as malaria and tuberculosis, must l carefully considered. The war had r effect upon tuberculosis mortality in 19 and 1940, but an increase began in 19 in several countries, and became more less general from 1942 on. The situati is now much the same as during the peri immediately after World War I, exce that the increase this time started fro a lower level. The number of tuberculos cases has increased greatly in Franc Belgium, the Netherlands, Germany, Au tria, Czechoslovakia and Hungary, and has doubled in many parts of this are Among these countries, the Netherlands undoubtedly the worst sufferer. Tl Balkans, where the tuberculosis mortali was high also before the war, are probab back to the conditions of twenty-five yea ago. In Italy, the situation is likely become worse than ever before, and Polar faces an unprecedented calamity.

A Directive on Gas Cylinders

In a printed letter (E. M. S. Gen. 364, dat April 27) to County Councils, Coun Borough Councils and other authoriti with hospitals in the Emergency Medic Services scheme, and to all voluntary hc pitals in the scheme, the Ministry of Heal has issued a warning about the risk anæsthetic apparatus being connected with the wrong medicinal gas (for exampl with a cylinder containing nitrous oxi when oxygen is needed). The matter quite literally one of life-and-death impc tance, and we have more than once directc attention to it in these columns.

The precautions now recommended a good so far as they go. The Ministry "su gests" that where gas cylinders are p into position by some person other than a

æsthetist, a second person, "preferably a ctor," should examine the connexions to sure that a mistake has not been made, l should record in a book the fact that has made the examination. The actual rding of the relevant paragraph is as lows:—

The Minister is advised that where it is the ctice for any person, other than an anæs-tist, to replace gas cylinders on anæsthetic paratus, or to connect such apparatus to a eline installation, the risk of accidents uld be minimised if arrangements were made a second person, preferably a doctor, to mine the connexions to ensure that a mistake not been made. It is suggested that the son responsible for the examination might each occasion also be required to make a e of the fact by appending his or her signa-e in a record book kept specially for the pose.

An increase in the number of persons o carry out an inspection of anæsthetic paratus before use is important and valu-e, though it should be made perfectly ar on whom the ultimate responsibility ts. Moreover, the act of putting one's nature to a book constitutes a deterrent inst too casual an approval. Neverthe-s, it has to be admitted that the human tor remains. So long as that is the posi-n, to describe the suggested precautions "adequate" is to give them a some-at exaggerated value.

tomatic Safeguards

Our readers will recall that what THE EMIST AND DRUGGIST has advocated in se columns is the introduction of auto-tically-operating safeguards, in the form indelible and unmistakable markings on cylinders, corresponding with similar rkings on the apparatus. To these we uld add the compulsory use of a device, h as a characteristic nozzle or thread, dering it impossible to connect the inder of one gas to a pipeline designed a different one. Not until these mech-cal safeguards have been instituted, and versally adopted, can the public feel that ir relatives on the operating tables of hospitals are secure from fatal accidents, l not until then can the Ministry of alth be considered to have done its ty. An end must be put to "the number fatal accidents" which the Ministry's ter admits "have occurred in this way."

Alcohol Allowance Changes

A WHITE PAPER on the removal of certain excise restrictions on distillation and of allowances on industrial alcohol, and exported spirits (Cmd. 6622) states that, as the Chancellor of the Exchequer announced on April 24, the Finance Bill will include provisions making certain statutory changes required for the modernisation of the system of revenue control at distilleries, and also abolishing an allowance of 5d. per proof gallon paid on industrial alcohol since 1921.

The present law relating to revenue control at distilleries is contained in the Spirits Act of 1880, in which there is a prohibition against conducting concurrently the processes of "brewing" and "distilling." During the war, however, these restrictions have been suspended in relation to distilleries producing industrial alcohol, and it has been found that the relaxation has not made the task of the officers engaged on revenue control any more difficult. Accordingly, it is proposed to repeal permanently the statutory prohibition on concurrent brewing and distilling.

The allowance of 3d. per proof gallon was given under the Finance Act of 1906 in respect of industrial alcohol, by way of compensation for increased cost of production caused by the old system of control, but the additional 2d. per proof gallon, granted in 1921, was for an entirely different reason. Since 1921 the consolidated allowance of 5d. per proof gallon has been paid in respect of both industrial and power alcohols, but the May Committee, appointed in 1943, now recommends that the whole of the allowance should be withdrawn as from January 1, 1946. The Committee thinks that the withdrawal of the allowance will not adversely affect the production or consumption of industrial alcohol, but finds it impossible to comment on the effect of the subsidy embodied in the allowance in stimulating supply and demand for industrial alcohol and the development of the alcohol-using industries or the possible reactions consequent on its withdrawal. The Committee considers, however, that the stimulating effect of the allowance has been over-estimated, and the possible adverse effect of its withdrawal exaggerated.

SIGHT-TESTING EQUIPMENT—2

by S. H. Lees, F.B.O.A. (Hons.)

THE first article in this series listed only such instruments as are essential to the refractionist. The purpose of the present and subsequent articles is to examine the merits of various instruments, and to add some notes on their application in practice.

Retinoscope

The most important objective instrument is the retinoscope. The retinoscope mirror may be either plane or concave, but the plane type is most commonly employed. For better illumination, however, the long-focus concave is better. It is used in precisely the same way as the plane, and usually incorporates a mirror having a radius of curvature of 125 cm., so that the crossing-point of the light is behind the patient's head. The short-focus concave is not recommended, as the shadow movement differs from that obtained with the plane and long-focus concave mirrors, requiring different allowances to be made in estimating the refraction. The diameter of the mirror need not be more than $1\frac{1}{2}$ in. The sight-hole should not be too small, or it will not admit enough light, and the reflex will be dull: if too large, it will cast an annoying shadow in the centre of the reflex. A non-luminous retinoscope should have a sight-hole of at least 2 mm. diameter. The writer finds 1·5 mm. sufficient for the luminous type of instrument.

Self-luminous Retinoscope (*General Optical Co.*)

Practice in Retinoscopy

Skill in the use of the retinoscope requires considerable practice, but reliable objective findings are essential when dealing with illiterates, young children, or deaf mutes. Careful investigation has shown that causes outside the control of the refractionist, such as spherical aberration, will cause an error of 0·50 dioptres, but when results within this degree of error can be obtained consistently, the optician has a satisfactory guide for his subjective tests. Luminous instruments may be used for either plane or concave-mirror retinoscopy. A simple adjustment produces a convergent beam, but care must be taken that the light focuses behind the patient's head, in which event the result is subject to the usual deduction of one dioptre at a worki distance of one metre. The converge beam produces a brighter reflex, very use when the reflex produced by the pla mirror is too dull, and, if the retin scope is supplied from the mai additional intensity when required merely a matter of turning t rheostat. This extra intensity extremely useful on occasion. It apt to shorten the life of the lam but the writer uses a model th takes inexpensive torch bulbs a is not less efficient on that accoun

An excessive number of le changes may be avoided by usi an auxiliary rack of lenses, such the Swann-Cole, or by mobile retin scopy in which the operator, by slig head movements, varies the worki distance while observing the effe on the shadow movement. T beginner usually has difficulty estimating the strength and axis the cylinder. He is recommended read Pascal's "Retinoscopy," par cularly the section dealing with t guide angle in cylinder retinoscop Lens changes are made so easily a quickly when using a refractor th static retinoscopy is performed wi far greater speed and accuracy th when using loose lenses in a tr frame. The objection is sometim made that, as the refractor usual employs more lenses to provide given power than are necessary the trial frame, the reflex w be dull, due to the number reflecting surfaces. This consideratio formerly prejudiced the writer again refractors, but in practice it has prove negligible. For dynamic retinoscopy, ho ever, and all near vision tests, subjecti or objective, the refractor is unsuitable. T question will be dealt with in a later artic

Dynamic Retinoscopes

Several makers have now produce dynamic retinoscopes. These are necessari self-luminous, as they incorporate sma charts illuminated by internal reflectio In the Turville-Pascal Dynascope, t charts are above the sight-hole: in t Margaret Dobson model they are place below. The makers of the latter sugge that, in refracting for reading distance, is an advantage for the chart to lie belo

e horizontal plane rather than above, ce the subject's eyes then more nearly proach a normal reading position. The bson Dynascope has seven charts, cluding a letter chart and two line charts the correction of astigmatism, which ay differ both in amount and axis from e distance correction. Opinions differ to the value of dynamic retinoscopy, and mparatively few practitioners make it rt of their regular routine. Extravagant ims are made by a small number of thusiasts, and for years the pages of the tical Press have provided a battlefield the rival camps. Even its strongest pporters are sharply divided amongst emselves as to the correct interpretation data, and a long time ago the writer inted out that, if the leading authorities this subject were to examine each other, ey would all fail the examination! At esent it would seem that dynamic retinscopy has little to offer that cannot be tained by subjective methods but, for ose who are interested, the books by bson, Swann, and Pascall are well worth ading. Until more is known on the subct the refractionist should not place too uch reliance on the dynamic technique.

easurement of Corneal Curvature

An objective instrument rarely used owadays is the keratometer which, by easurement of corneal curvature, indicates e degree and axis of corneal astigmatism. he results do not always agree with subctive findings, as lenticular astigmatism, ving either to unequal curvature or bliquity of the crystalline, may augment, minish or neutralise the corneal astigatism. Retinoscopy is therefore better an keratometry for estimation of astigatism, but when muddy media and small upils make retinoscopy impossible, the eratometer is valuable, since astigmatism usually corneal. It is also preferable for he measurement of irregular corneal stigmatism, and for the investigation of onical cornea. The principle of the keraometer is that the observer sees through the yepiece of the telescope a magnified virtual nage of the real inverted image of corneal eflections of the object, or mire, embodied n the instrument. The image is doubled, by risms, parallel plates, or special lenses, he two images being in contact when urvature is normal: if the images are eparated, adjustment of the position of he mires brings them together and the lioptric power of the curve is read from the cale. A similar reading is taken in a position 90° from the first position, and the difference is the amount of astigmatism. There are several types of keratometer, falling into two distinct classes: one-position instruments, and instruments which require rotation of the mire between readings. With the one-position instruments there is less likelihood of error resulting from movement of the eye. The keratometer is useful for perhaps 1 per cent. of cases, but is hardly essential.

RECENT RESEARCH

Sulphur Lotion.—A more elegant sulphur lotion in which the main ingredient is more finely suspended as a result of the use of methyl cellulose is suggested by Downing ("Archives of Dermatology and Syphilology," 1944. 50. 8), who suggests the following formula:—

Precipitated sulphur	10
Spirit of camphor	10
Alcohol	80
Solution of methyl cellulose	30
Rose water, to	240

Laxative Action of Senna Leaves.—The conclusion that the laxative actions of leaves of *Cassia acutifolia* (Alexandrian) and *Cassia angustifolia* (Tinnevelly) do not appear to differ widely is reached by Grote and Woods ("Journal of the American Pharmaceutical Association," XXXIII. 8. 266), who find that variations between different test samples within each kind of senna are as great as between representative samples of each of the two varieties. Samples of *C. angustifolia* from commercial stocks which had been stored in warehouses for five years showed no appreciable loss of activity.

Sodium Morrhuate as Sclerosant.—Jensen and Jannke have compiled evidence ("Journal of the American Pharmaceutical Association, XXXIII. 11. 362) to show that commercial samples of sodium morrhuate differ greatly in physical, chemical and pharmacological properties. They find that treatment of cod-liver oil with hydrochloric acid does not materially affect either chemical or pharmacological properties of the fatty acids contained in the oil. Iodine value is rejected as a means of evaluating the sclerosing properties of sodium morrhuate and it is suggested that salts prepared from the more nearly saturated fatty acids are highly effective as sclerosing agents, while their action is accompanied by a minimum of irritation. The presence of a completely soluble precipitate in solutions for parenteral use is not regarded as indicating inferior sclerosing properties.

QUICK-FIRE QUESTIONS AT TEES-SIDE

At a meeting of the Tees-side Branch of the Pharmaceutical Society, held on March 28, Mr. D'Arcy Bray presiding, Mr. Hugh N. Linstead, O.B.E., M.P., was the speaker and his subject was "The Pharmacist's Position in the New Health Services." Mr. Linstead suggested that the scheme could not come into operation before January 1947.

Membership Fees

The Chairman (Mr. Bray), who declared the meeting open for questions, led the way with the following: "When the fees were increased this year was it made clear to the members that the increase was necessary in order to meet the costs of the new building?"—Mr. Linstead: No, the increase was not entirely for that purpose. During the next few years, he went on, pharmacy would probably be faced with various crises which would necessitate substantial calls on the purse. Looking at the picture as a whole the increase was in step with other factors.

Mr. Richardson: How will the pharmacist be remunerated?—Mr. Linstead: There are all sorts of alternatives, but there has been no definite approach to the question.

Mr. Harrison: What has been done about the Society's code of ethics?—Mr. Linstead said the code of ethics was only a guide to good behaviour, to be followed by those who wanted to behave. The process of establishing it would take years. However, progress was being made. The Statutory Committee was now taking an interest in the advertising of dispensing services, and its activities were beginning to crystallise.

Mr. Gamlen: The British Medical Association seems to have brought home to the public the doctors' point of view about N.H.S. If we do not likewise develop a public policy in relation to the value of an open pharmacy to the community, we shall soon see the abolition of private pharmacies. Our publicity work must have much more drive and effect.—Mr. Linstead: Each pharmacy has its duty in a public relations sense. There is nothing more risky than newspaper publicity. More harm than anything else has been done to the medical profession by much of the publicity they have recently received. Pharmacists have a good man on the job, and some councillors are always interesting themselves in the matter.

Mr. Harrison: The "bright lights" pharmacy may look better to the publ eye, but the pharmacist is not always i evidence in these places. He quote examples of proprietary medicines beir wrongly used owing to real pharmaceutic advice not being available, and Mr. Lin stead suggested that the best thing wa for the pharmacist to give a real pharm ceutical service along with the bright light This might entail the divorcing of th pharmacy from the rest of the shop.

A Member: In the event of the Ministr overriding pharmacy's negotiating com mittee by approaching individual contra tors, what protection has the employe pharmacist?—Mr. Linstead said that a employee could not dictate to his employe on the contracts into which he entere but the trade unions were watching th rights of employees on the broader issues.

Mr. Gamlen asked whether the fee paid in future would be substantially th same as now for twice the amount of dis pensing, but Mr. Linstead hoped th Ministry would be persuaded to reconside the question of remuneration from a ne angle.

Limiting Entrants to Pharmacy

Mr. Humphreys: Some years ago a ex-president of the Society stated that th real difficulty in pharmacy was that whil there were 25,000 on the register there wa only pharmaceutical work for 18,000. Wa the Council considering limiting its en trants?—Mr. Linstead: No professio limits its entrants. The Council keeps it eye on numbers, and has raised the standar of the preliminary examination. Pre-wa figures were 6,000 in ten years and th present figure is 400 yearly. Under th new scheme there will be increased need payment should be sufficient to justify this

Mr. Schofield: The Government woul not be able to offer terms to individua pharmacists unless they had an alternativ with which to threaten the individual, suc as the setting up of health centres.—Mr. Linstead: The situation is not likel to arise, and if it does it will be sheer bluf and as such could easily be called.

Mr. Gamlen: Couldn't the Nationa Pharmaceutical Union Purchase Fund b augmented by the Society from existing funds?—Mr. Linstead: The N.P.U. Purchase Fund was a bold project and deserved support, but this could not be forthcoming from such funds as the War Aid Fund or

enevolent Funds, which were earmarked r definite objects.

A MEMBER: Will the Ministry of Health lopt the same attitude to pharmacists the War Office has done?—MR. LINEAD: The Ministry of Health is not king the same view as the War Office, hich at the moment seems too busy inning the war, but advocates pharmacy r the pharmacist. The War Office still ems to have a "Crimea mentality."

MR. RICHARDSON: Why can't we know ore of the Council's activities?—MR. NSTEAD: It is not always wise and ctful to lay all one's cards on the tables.

aison between Chemists and Doctors

MR. MOFFITT: During the testing period hat steps are being taken to protect the harmacist from having to stock expensive ethical" medicines?—MR. LINSTEAD: here should be a source of liaison between e pharmacists and local doctors.

MR. MOFFITT: In the event of free escribing will there be a new Formulary? so, new difficulties would arise in pricing r broken bulk.—MR. LINSTEAD: Any w Formulary should be elementary and ould be better done away with. When lk packages were broken into, the price id was that of the smallest package, if aimed as at present.

Asked if any steps were being taken to place unqualified dispensers in hospitals ith pharmacists, MR. LINSTEAD said a adual change-over was taking place in e right direction. The Pharmaceutical ociety had published a book on the work a pharmacist in hospitals, and this had en sent to all local authorities.

MR. SALMON: Would any useful purpose e achieved by forestalling the possibility f a move by the Ministry of Health to pproach the individual?—MR. LINSTEAD: t would be better left until the occasion rises.

MR. DANIELS: Why should the disensing of medicines have to be subsidised y other means?—MR. LINSTEAD: This hould not have to happen.

MR. DRUST: Has a pharmacist who finds imself directed to a job which is not ongenial or is intolerable, any right of ppeal?—MR. LINSTEAD: He has a right f appeal to the Central Pharmaceutical War Committee, which will then investigate he case.

MR. BRACKENBURY: At national conerences it seems to be the people who make he most noise who get their way. Wouldn't egional conferences be a better way of reaching agreement? The delegates from these regional conferences could then attend a national conference with instruction from their region.—MR. LINSTEAD: If there is a community of interest, that type of conference would be very helpful, but it should spring from the community interest and not be forced from above.

MR. BRACKENBURY proposed a vote of thanks to Mr. Linstead, and MR. STAINSBY seconded.

A FOOD FOR FAMINE

THE Ministry of Food, at a Press conference on April 24, demonstrated and commended the new "F" (famine) treatment for people suffering from starvation. Sir Henry French said it was early anticipated that cases of severe starvation might be encountered in liberated Europe, and the Medical Research Council had for eighteen months been collecting information and developing a special line of treatment for famine victims. It had been found that sufferers could be resuscitated even when they were almost moribund by administration, either intravenously, or by tube through the nose into the stomach, of solutions of predigested proteins, glucose and certain appropriate vitamins. The emergency treatment might restore a patient so rapidly that in twenty-four to forty-eight hours he could take small quantities of ordinary foods, and thus gradually get back enough strength to eat proper meals. On that beginning, a meeting in London, in March this year, of representatives of the Medical Research Council, Directorate of Medical Supplies and Ministry of Food, together with representatives of five manufacturing firms, agreed on a detailed plan for the content, production, and packaging of the emergency treatment. The firms concerned were Ashe Laboratories, Ltd., the Crookes Laboratories (British Colloids, Ltd.), Genatosan, Ltd. (in association with Bengers, Ltd.), Glaxo Laboratories, Ltd., and Herts Pharmaceuticals, Ltd. Thanks to the co-operative spirit with which these five firms had agreed at once to pool their information and manufacturing facilities, the first consignment, which was ordered by the Dutch Government, was completed on April 4—three weeks ahead of schedule. The specimen pack demonstrated at the Press conference contained all that was required to treat sixteen cases of severe starvation for three days, and provided a continuation treatment for ten days until a light diet could be taken.

CHEMICAL SOCIETY ANNUAL MEETING

THE 104th annual meeting of the Chemical Society was held in London on April 19, the president (PROFESSOR W. N. HAWORTH, D.Sc., F.R.S.) in the chair. The report of the Council was presented, and reference was made to the retirement of the general secretary and to the following resolution passed by the Council: "The Council has received with profound regret the news of the coming retirement of Mr. S. E. Carr from the office of general secretary. It desires to place on record its deep feeling of gratitude for the great services he has rendered to the Society over a period of forty-two years."

It was declared that Professor H. V. A. Briscoe had been elected *Honorary Secretary*, and the following as new *Members of Council: Vice-presidents:* Professors A. J. Allmand, J. W. Cook, and I. M. Heilbron; as *Elected Ordinary Members of Council:* Professor Wilson Baker, Mr. R. P. Bell, Professor H. T. S. Britton, Drs. D. H. Hey, B. Jones, and R. J. W. Le Fèvre, Professor J. M. Robertson, Dr. F. S. Spring, Dr. M. Stacey, and Professor A. R. Todd.

Later the Longstaff medal for 1945 presented to Professor N. V. Sidgw THE PRESIDENT stated that the award made primarily as a recognition of the o standing work of Professor Sidgwick as exponent of the electronic theory of valen In acknowledgment, PROFESSOR SIDGW expressed his pride at receiving the aw and at the inclusion of his name among distinguished holders of the medal. T Harrison Memorial prize for 1944 was tl presented to Dr. Leslie F. Wiggins. T PRESIDENT said that the prize was awar to a chemist of either sex not above thi years of age who, during the previous years, had conducted the most meritori and promising original investigation chemistry and published the results of su work. The prize should be regarded as exceptional distinction to commemor an exceptional man. DR. WIGGINS ma suitable acknowledgment. THE PRESIDE then delivered his presidential address "Starch." A vote of thanks to him w carried with acclamation.

LIVERPOOL CHEMISTS' ASSOCIATION

THE ninety-fifth annual meeting of the Liverpool Chemists' Association and twenty-third annual meeting of the Liverpool Branch of the Pharmaceutical Society took place on April 19, Alderman W. J. Tristram, J.P., presiding.

THE SECRETARY (Mr. W. E. Shepherd) reported that, pharmaceutically, the year had had little to offer. Great events might be in the air, but it was too soon to assess their value to pharmacy. The proposed National Health Service had provoked considerable discussion throughout the country, but, while matters of control and direction had received a great share of publicity, present tendencies seemed to indicate largely an extension of present National Health Insurance methods. Mr. Shepherd went on to say that the president had thrown himself into the Benevolent Fund appeal effort during the year with such effect that, with the continued help of local wholesale and manufacturing firms and individual members, they had been able to send up a record amount of £145. 108 members of the branch had been taken for national service. The staff shortage in Liverpool pharmacies had become extremely serious. Strong protests had been made.

Penny-in-the-Pound contributions during the year had amounted to £283, which had been equally divided between the war-a funds of the Pharmaceutical Society a National Pharmaceutical Union. MR. MA TIN S. HUGHES (treasurer), presenting h report, said there were now 114 membe at the 7s. 6d. rate, and twenty-two at t 5s. rate.

The officers and council of the Associati were all re-elected, with the addition Mr. B. M. Kelly to fill a vacancy. Th were: *President*, Alderman W. J. Tristra J.P.; *Vice-president*, Mr. E. A. Brigg *Treasurer*, Mr. M. S. Hughes; *Secretar* Mr. W. E. Shepherd; *Council*, Messrs. L. Clubb, J. L. Hirst, W. E. Humphrey A. J. Jones, H. Humphreys Jones, J.P J. P. Murphy, L. Moreton Parry (*ex-officio* J. Rae, and B. M. Kelly. There was som competition for four vacancies on th local committee of the Pharmaceutic Society, owing to pharmaceutical assistan putting forward their own candidate (Messrs. Dearden and McKechnie); it wa also thought that there should be a lad on the committee, and the name of Mis Prescott was put forward. The four retirin members (Messrs. G. L. Clubb, J. L. Hirst M. S. Hughes, and W. E. Humphreys) wer re-elected. So were the present *Auditor* (Messrs. J. Williamson and J. Seymou Emlyn).

TRADE MARKS

rom "The Trade Marks Journal," April 4)

CONVERSION OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation)

ification No. 526,360, by A. Wander, Ltd.; Medicinal and pharmaceutical preparations, lietetic foods, infants' and invalids' foods, ll containing malt.

(From "The Trade Marks Journal," April 11)

"ELLON"; for chemical solutions for use in e-flasking and finishing in the manufacture f artificial dentures (1). By The Amalgamated Dental Co., Ltd., 26–40 Broadwick Street, London, W.1. 630,468 (Associated).

"QUOFEENE"; for photographic chemicals 1). By P.A.C. Photographic Accessories Chemicals, Ltd., 15 College Road, Epsom, Surrey. 632,633.

ce of gentleman kneeling before lady, in eriod costume; for perfumery and toilet nd cosmetic preparations (3). By E. Davis, 748 High Road, North Finchley, London, N.12. 631,265.

"AME OF THE FOREST"; for brilliantine, entifrices, bath salts, cosmetic and toilet reparations, soaps, perfumes and hair otions (3). By Coty (England), Ltd., 3 tratford Place, London, W.1. 632,523.

"KUNTALA"; for perfumery, soaps, toilet nd cosmetic preparations (3). By Hauer & o., Ltd., Shaddon Mills, Shaddongate, arlisle, Cumberland. 632,591.

"GNELL"; for toilet preparations for bleaching the hair. (3). By Ultra-Perms, 23 Sootill Lane, Batley, Yorks. 632,684.

"KOTA"; for pharmaceutical preparations, eing tonics in tablet form (5). By M. althorpe & Co., Ltd., Vinyard Works, Dewsbury Road, Ossett, Yorks. 625,761 Associated).

"UVEGAN"; for pharmaceutical preparations nd substances (5). By Bayer Products, td., 14 Waterloo Place, Pall Mall, London, .W.1. 632,289 (Associated).

"NOPTIC"; for eyeglass and spectacle frames nd parts thereof (9). By the Kono Manufacturing Co., c/o A. M. & Wm. Clark, 5–9 Quality Court, Chancery Lane, London, V.C.2. B632,129.

"LNAR" and "PULKINO"; for photographic nd projection lenses, and parts thereof (9). By the Pullin Optical Co., Ltd., Solar Works, Lane End Road, Sands, High Wycombe, Bucks. 632,353–55.

"MFEX"; for all goods (10). By Splendor, td., 5 Beastmarket Hill, Nottingham. B632,282.

"A"; for toilet brushes (21). By J. Freeman Co., Ltd., Alma Road, Chesham, Bucks. B631,214 (Associated).

"LDEN DAWN"; for beef extracts, etc. (29). By Palatine Packing Co., Ltd., Barons Quay, Northwich, Cheshire. 622,941 Associated).

"BULLY WALLY"; for powder puffs (21). By Nor-Sun, Ltd., 160 Central Drive, Blackpool. 632,474.

"CAYTIN"; for edible oils and fats (29). By London Oil Corporation, Ltd., 161 Camberwell Grove, London, S.E.5. 631,957.

"BICKIEPEGS MUNCHIES" (word "Munchies" disclaimed); for biscuits for children (30). By Bickiepegs, Ltd., 46 Tewin Road, Welwyn Garden City, Herts. 629,319 (Associated).

CONVERSIONS OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV

Specification No. 90,969, for soaps, soap powder, washing liquids, perfumery, etc. By T. H. Harris & Sons, Ltd.

(From "The Trade Marks Journal," April 18)

"HYTOGEN"; for industrial chemicals (1). By B. Laporte, Ltd., Kingsway, Luton, Beds. 630,112.

"UNIKOL"; for industrial chemicals (excluding adhesives) (1). By The Union Oxide & Chemical Co., Ltd., 15–18 Lime Street, London, E.C.3. 631,420.

"CERTOSAN"; for agricultural and horticultural chemicals, excluding insecticides, etc., and for seed dressings (1). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 633,023 (Associated).

"HEATHER DAWN"; for perfumery, toilet and cosmetic preparations, dentifrices, excluding soap (3). By Jamaica Chemical Industries, Ltd., c/o Mercantile Overseas Trust, Ltd., 27 Old Broad Street, London, E.C.2. 628,123.

"BOND STREET"; for perfumes, cosmetic and toilet preparations, bath salts, hair lotion (3). By Yardley & Co., Ltd., 105 Carpenters Road, Stratford, London, E.15. 629,873 (Associated).

"PATELLA"; for flavourings wholly or principally of essential oils (3). By Walford & Co., Ltd., Heath Street, Newton Heath, Manchester, 10. 630,984 (Associated).

"JEAUNESSE"; for toilet soap (3). By T. F. Bristow & Co., Ltd., Edgware Road, Colindale, London, N.W.9. B632,319.

"PETULA"; for toilet preparations, none consisting of or containing soap (3). By Mary I. Downing, 32 Hillside Avenue, Clarkesfield, Oldham. 632,434 (Associated).

"DECORUM" (arranged in cross device and condition that same shall not be used in red or any similar colour); for soap (3). By F. W. Coombe, Ltd., 123 Borough High Street, London Bridge, London, S.E.1. 630,989.

"LAVAZONE"; for perfumery (3). By Lavapine, Ltd., 31 South Ward Road, Dundee. 632,845 (Associated).

Doing Fine.—"There has recently been an appreciable improvement. More waste paper is, however, urgently needed." The Minister of Supply (Sir Andrew Duncan), on April 11.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils repr nt the prices for wholesale quantities of standard quality. C.i.f. quotations do not in de marine war risk insurance and other abnormal charges payable in the present emerg cy

28 Essex Street, W.C.2, May 2

DEVELOPMENTS in the international situation connected with the prospects of an early end to the war in Europe have had little or no effect on the drug markets, the controlling factor being lack of supplies with which to meet any increased demand. A number of inquiries from Continental sources are reported, however, and it is understood that, in some instances, export licences have been granted. Most of the markets have remained firm during the week, with only a few price alterations. In PHARMACEUTICAL CHEMICALS, the only important change is an advance of one penny per thousand in ASPIRIN TABLETS, following a corresponding increase in SALICYLATES recorded last week.

Crude Drugs

Reports from the CRUDE DRUGS section of the markets indicate another quiet week, with few inquiries and available stocks at a low level. BALSAM OF PERU is inclined dearer. BENZOIN is wanted, but none is available at present. New-crop BUCHU LEAVES may now be obtained on spot. CARDAMOM varieties are quiet, but steady. CHILLIES are in good supply. ERGOT is scarce. Some Turkish LIQUORICE ROOT is quoted to come forward. NUTMEGS are in short supply. Some oddments of rough-round RHUBARB are being offered, but the price is high. SEEDS are quiet and unchanged. SENEGA is in good inquiry, but there are no stocks available. Supplies of Alexandrian SENNA PODS are reported to be small.

Essential Oils

Practically nothing worthy of comment has occurred in these markets during the week. Supplies of ESSENTIAL OILS remaining outside the scope of the Control scheme are extremely meagre, and higher prices are wanted.

Pharmaceutical Chemicals

ACETANILIDE.—No changes have occurred in makers' prices at 2s. 5d. per lb. for crystals, and 2s. 6d. for powder.

ALLOBARBITONE.—Makers' quotation is unchanged at 60s. per lb.

AMPHETAMINE.—Makers continue to quote at 150s. per lb.

BORIC ACID.—Current rates per ton a as follows: B.P. quality, granulated, £60; cr al. £61; powder, £62. Commercial grades, £ er ton less. Packed in one-cwt. bags, deli ed carriage paid in Great Britain in one-ton ts and upwards.

CALAMINE, B.P.C.—Prices are as fol s: 7 lb., 1s. 8d. per lb.; 28 lb., 1s. 6d.

CITRATES.—Makers' prices per lb. a as follows: POTASSIUM, in 28-lb.–1-cwt. ts (containers in brackets): 3s. 6½d. (1); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3s. 3½d. (14); 3s. 3d. (28-lb.); IRON AND AMMONIUM (SCA s), B.P., is at 2d. per lb. above, and SODIUM at 3d. per lb. below these prices. POTASSIUM d SODIUM POWDER, one penny per lb. extra

DIAMORPHINE.—Current rates per oz. or small quantities, are as follows: BASE— z., 58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; z., 53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORI — ½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s l.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

IODINE PREPARATIONS.—Prices per lb or the home market are as follows: POTA M IODIDE, B.P.—112 lb., 9s.; 28 lb., 9s. l.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; sm er quantities, 12s. 6d. SODIUM IODIDE, B — 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s l.; 4 lb., 12s. 10d.; smaller quantities, 13s d. IODOFORM, B.P.—28 lb., 12s. 10d.; 14), 13s. 4d.; 7 lb., 15s. 6d.; 4 lb., 16s. 4d.; sm er quantities, 17s. 2d. IODOFORM CRYSTA — 2s. per lb. above powder prices. IODIN R SUBLIMED, B.P.—112 lb., 10s. 4d.; 28), 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. l.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d.

PHENOLPHTHALEIN.—Current rates a as follows: Less than 7 lb., 4s. 8d. per lb.; b., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 t., 4s. 4d.

POTASSIUM PERMANGANATE.—Current es are as follows: B.P. (in 1-cwt. drums), vt. and over, 1s. 8½d. per lb.; 3 cwt. and er, 1s. 8d. TECHNICAL (in 1-cwt. drums), vt. and over, 166s. 3d. per cwt.; 3 cwt. and er, 161s. 9d.; 5 cwt. and over, 159s. 3d.; on and over, 156s. 9d.; 4 tons and over, 15 d. TECHNICAL (in 5-cwt. drums), 5 cwt. and er, 156s. 9d. per cwt.; 1 ton and over, 154 l. 4 tons and over, 152s. Terms are net, ca ge paid station, containers extra and returna

SANTONIN.—Prices per kilo are as f ws (price per oz. in brackets): 25 kilos 42 (23s. 10d.); 10 kilos, £43 (24s. 5d.); 5 os, £44 (24s. 11d.); 2–4 kilos, £45 (25s. 6 I kilo, £46 (26s. 1d.); 500 gm., £47 (26s.); 250 gm., £48 (27s. 3d.); 100 gm., £49 (27s smaller lots, £50 (28s. 4d.).

TERPINEOL.—Pure medicinal quality is il able at from 3s. 3d. to 4s. per lb. for in antiseptics of the chloroxylenol type,

Crude Drugs

UCHU LEAVES.—New crop, 5s. 3d. per lb.

APSICUM.—In poor supply at 100s. to 140s. cwt., according to quality.

HILLIES.—There are good supplies of ibasa on spot at 110s. per cwt.

OVES.—Zanzibar on spot is quoted at ¼d. per lb., sellers.

OCHINEAL.—Silvers are quoted afloat at 6s. b., landed.

OLOCYNTH.—Fair white pulp may be ined on spot at 2s. 10½d. per lb.

IGITALIS LEAVES.—Steady but unchanged. ish leaf, 2s. 6d. per lb.; Portuguese, 140s. cwt.

UM ACACIA.—Spot quotations for Kordofan ed sorts are steady at 75s. per cwt.; hed, 175s.; Talha, cleaned, 50s. per cwt., ed.

BORANDI.—No spot supplies are available; is nominal.

LAP.—The only available supplies appear 10·1 per cent. at 3s. 6d. per lb.

QUORICE ROOT.—Turkish, to come forward, per cwt., landed, for pharmaceutical pur- only.

NTHOL.—Brazilian, afloat, 82s. 6d. per lb., d.

RRH.—Good Aden sorts are quoted at £20 wt.

TMEGS.—West Indian sound unassorted, 2s. 8d.; wormy and broken, 2s. 3d. lies are short.

X VOMICA.—Cochin, spot, 37s. 6d. to 40s. wt.; shipment, 31s. to 32s., c.i.f.

IENTO.—Spot price remains firm at d. per lb.

ASSIA.—Spot quotations are steady at d. to 40s. per cwt., according to quantity.

ILLAIA BARK.—Crushed or cut may be had ot at 100s. per cwt.; natural is quoted at shipment, 65s., c.i.f.

UBARB.—Stocks of rough-round are prac- y exhausted. Any available oddments l be worth a substantial figure.

NEGA.—In good inquiry but no supplies vailable.

NNA.—Alexandrian medium pods are ed but supplies are small; Tinnevelly, facturing grade, 6d. to 6½d.; hand-picked, to 1s.; broken Alexandrian leaves, 1s. 3d. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to

UILL.—Portuguese bulb, dried and sliced, ced at 80s. to 87s. 6d. per cwt. Indian, o 55s., according to quality.

RAMONIUM LEAVES.—Dealers quote Indian s at 80s. per cwt.

ROPHANTHUS SEED.—100 per cent. Kombé unchanged at 7s. to 7s. 6d. per lb., as to ity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

VALERIAN ROOT.—Powdered Indian root is available at 120s. per cwt.; no whole root may be had at present.

WAXES.—BEES'.—Available in London at the following prices per cwt., delivered at store, U.K., effective October 16, 1944, for ton lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; lots of under one ton, at premiums as follows: 10–20 cwt., 2s. 6d. per cwt.; 5–10 cwt., 5s. per cwt.; 1–5 cwt., 10s. per cwt.; under 1 cwt., at premiums as arranged by Association members at their discretion. CARNAUBA.—Fatty grey, 525s. per cwt., ex store, in minimum one-bag lots; shipment, 425s.; Primeira, 600s. per cwt., ex store; shipment, 495s., c.i.f.; medium yellow, 575s.; shipment, 475s., c.i.f.; chalky grey, 520s.; shipment, 400s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). CANDELILLA. — To arrive. Under 1 ton, 215s. per cwt.; 1–5 tons, 213s. 6d.; 5 tons and over, 212s. 6d., ex store. OURICURI.—Spot, 305s. to 330s. per cwt.; shipment, 260s., c.i.f.

Essential and Expressed Oils

CASTOR.—"Firsts" are officially quoted at £82 per ton, and "seconds" at £80, both naked ex works, in bulk quantities.

CITRONELLA.—Ceylon, spot, approximately 20s. per lb.; Java, about 27s. 6d., if available.

CLOVE.—English distillers' prices are firm but unchanged at 12s. 6d. to 13s. per lb., according to quantity.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties quoted naked ex works.

EUCALYPTUS.—Any available supplies of 70 to 75 per cent. would be worth approximately 8s. 6d. per lb.

GINGERGRASS.—Any available small supplies would be worth about 22s. 6d. per lb.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importer is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

NUTMEG.—English distillers quote this oil at 45s. per lb.

RAPESEED.—The official price for bulk supplies is £88 per ton, naked ex works.

CORRESPONDENCE

Herbert Skinner Memorial Fund

SIR,—Members of the Western Pharmacists' Association and West Metropolitan Branch of the Pharmaceutical Society will shortly receive an appeal on behalf of the above fund. We earnestly request that every member will subscribe promptly, and very generously, and make a worthy contribution to the memory of an outstanding pharmacist.—Yours faithfully,

FRANK NOBLE, *President.*
G. F. BUTTERWORTH, *Secretary.*

London, W.

P.A.C. Dispensing Fees

SIR,—The Bath chemists are to be congratulated on the successful outcome of their two-year fight for adequate remuneration for public-assistance dispensing (*C. & D.*, April 26, p. 431). They are also to be thanked for the object-lesson their struggle provides for those who are about to negotiate the terms and conditions of service of the National Health Service. The most important lessons to be learnt are: (i) The assumption on the part of the authorities that present N.H.I. rates are adequate. (ii) The tendency of the authorities to approach independent contractors over the heads of the negotiators. Success can be achieved in the major issue, just as at Bath, only by complete unity of purpose. Is it too late for the Council to admit that the Branch Representatives were right, and to invite the representatives of the Company Chemists' Association on to the Joint Committee?—Yours faithfully,

Totton, Hants. J. D. MALLINSON.

Conditions in Post-war Pharmacy

SIR,—My committee has recently been discussing post-war conditions in pharmacy, and members are strongly of the opinion that much depends on the terms of the National Health Insurance contract. It was unanimously agreed that compulsory opening on half-days, Sundays, etc., should become optional, and not a condition in the contract. It is admitted that many chemists illegally employ their assistants and managers for these duties, and that they cannot fulfil their obligations under the contract and under the Pharmacy Acts, without at the same time infringing the Shop Acts. It was also felt that an attempt should be made to obtain a post-war closing hour of 6 p.m. for all pharmacies desiring it, a rota providing any later service which may be necessary. I am instructed to place these views before you in the hope that may stimulate correspondence, and acti through your columns, and we stress t importance of the points raised in th relation to our receiving into pharmacy t type of man who will be a credit to t profession.—Yours faithfully,

Oxton. R. G. COLLINS
Secreta
Birkenhead and Wirral Pharmaci
Association.

A Penny-in-the-Pound Result

SIR,—It should be of interest to Sur pharmacists to know that the seco deduction under the penny-in-the-£ sche for the county has resulted in the rece of £149 being collected for the six mon ending December 31, 1944, and cheq for £77 and £72 have been remitted the National Pharmaceutical Union a Pharmaceutical Society respectively their war-aid funds.—Yours faithfully,

W. H. FOWLER
Carshalton. *Secretary and Treasu*
Surrey Pharmaceutical Commit

COMING EVENTS

Notices for inclusion under this heading shoul sent in time to reach the Editor at Bath not later Wednesday morning of the week of insertion. Se taries are advised to send copies of printed progra of local activities so soon as they are completed.

Saturday, May 5

GUILD OF PUBLIC PHARMACISTS, 17 Bloomsb Square, W.C.1, at 3 p.m. Annual meetin

Tuesday, May 8

MANCHESTER AND SALFORD BRANCH, NATIO PHARMACEUTICAL UNION, Onward H Deansgate, Manchester, at 7.45 p.m. An meeting. Mr. W. J. Tristram (chairm N.P.U. Executive) on "The Joint Committ Memorandum."

INSTITUTE OF EXPORT, Royal Empire Soc Building, Northumberland Avenue, Lon W.C.2, at 12.30 p.m., luncheon at 1.15 Lord Woolton on "Export Trade After War." Admission by tickets allotted in o in which applications are received.

Wednesday, May 9

ROYAL SOCIETY OF ARTS, John Adam St Adelphi, London, W.C.2, at 1.45 p.m. F. M. R. Walshe, O.B.E., on "The Treatm of Infantile Paralysis."

Sunday, May 13

MANCHESTER PHARMACEUTICAL ASSOCIAT Ramble, Hathersage to Millers Dale. Central station, 8.45 a.m. Book Hather return.

THE HALL MARK OF . . . PHARMACEUTICAL DEPENDABILITY

RED BRAND DIAMOND

PACKED PHARMACEUTICALS

AILMENT NAMED MIXTURES

A range of Mixtures in general demand; dispensed from reliable formulæ (given on labels together with full directions) in Burgoyne's oval screw cap panel bottles.

Backache and Kidney Mixture
Bismuth, Soda and Pepsin Mixture
Blood Purifier, Iodised **Bronchial Mixture**
Catarrh Mixture **Cold and Influenza Mixture**
Diarrhœa Mixture
Gout and Rheumatic Mixture **Gripe Mixture**
Headache and Neuralgia Mixture **Nerve Tonic**
Pectoral Elixir **Stomach and Liver Mixture**
Vigour Tonic

All packed in 8 oz. Bottles, 9/- per dozen

Exclusive of Purchase Tax

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, **LONDON, E.6**

ARE YOU SHARING
in the Business which
H.B.T. CHLOROPHYLL and YEAST TABLETS
are bringing to many Chemists?
IF NOT—BEGIN NOW!
For Rejuvenation and Vitality they are unsurpassed and they contain no drugs.
Only in two sizes presently.
3/- and 6/- inc. Pur. Tax.
Through any Wholesaler or direct from—
HUNTER BEATTIE PRODUCTS, LTD.
Glasgow, S.E. BCM/HBT. London, W.C.1

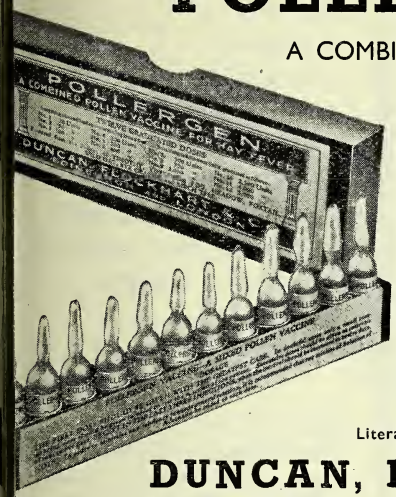
PILLS TABLETS CAPSULES
The British Made Products of
HOWARD LLOYD & Co.
LEICESTER

MAG. CARB. POND.
B.P.
Prompt Delivery
Competitive Prices
●
DUNN BROS. (Succrs.) LTD.
1 Booth Street, MANCHESTER

For more than **Fifty Years**
Importers and Exporters of Essential Raw Materials to the Chemical, Pharmaceutical, Food, Confectionery, Perfumery, Veterinary and Allied Manufacturing Trades.
Wholesale Enquiries solicited for:—
Balsams, Barks, Crude Drugs Gums and Resins, Roots, Seeds and Spices, Waxes, etc.
Stocks held in London and Provinces
Correspondents in every accessible World Market
EST^D 1
H. Frischmann
62-63 FENCHURCH STREET, LONDON, & 237A GOLDERS GREEN ROAD, N.W
Telegrams: Frischmann London Telephones: Royal 187 Speedwel

"POLLERGEN" (DUNCAN)

A COMBINED POLLEN VACCINE



indicated in

- SEASONAL HAY FEVER
- CORYZAL ASTHMA

Advances in the field of Allergy have shown that patients derive more benefit from treatment with a combined pollen vaccine, than the more usually practised treatment with simple extract of Timothy Grass Pollen.

Treatment is best commenced at an early date so as to ensure the patient reaching the maximum dosage before the Pollen Cloud is at its height, that is from May to mid-July.

Literature and prices on application

DUNCAN, FLOCKHART & CO.

EDINBURGH **LONDON**

BROMIDES

(AMMONIUM POTASSIUM SODIUM, B.P.)

regularly available for export to all markets

produced by

PALESTINE POTASH LTD.

●

Submit enquiries to the Sole Selling Agents

C. TENNANT SONS & CO. LTD.

(One of the TENNANT GROUP of COMPANIES)

Temporary Address

Pinner Court, Moss Lane, PINNER, MIDDLESEX

Reg. Office:
3 Mansfield St.
London, W.1

Potash House,
King George
Avenue,
JERUSALEM

SOUTH AFRICA
AND
RHODESIA

Look the world over—find, if you can, a market anywhere that can rival the opportunity offered you now by the UNION OF SOUTH AFRICA AND RHODESIA.
PROSPERITY'S smoke is pouring from its many rich Gold Mines and numerous industries.
GOLD PRODUCTION in South Africa has never before been so great and its price so high.
MANUFACTURERS OF PROPRIETARY PATENT MEDICINES AND TOILET PREPARATIONS will find this an extremely profitable market, and an excellent field for the promotion of British exports.
DRUGS & TOILETS (PTY.) LIMITED. Sole South African distributors for a number of well-known proprietary products offers a complete sales, warehousing and merchandising Service. From Headquarters in Johannesburg, and branches in Cape Town, Port Elizabeth, East London, Durban, Salisbury and Bulawayo, salesmen actively canvass the trade throughout the entire territory and supply from full stocks held at each of their branches.
DRUGS & TOILETS (PTY.) LIMITED BUYS OUTRIGHT AND PAYS CASH IN LONDON for all its requirements through their London Office.
Write to
DRUGS AND TOILETS (PTY.) LIMITED
P.O. Box 2801, Johannesburg, South Africa

JKL

ALOES
ANISEED
CARRAGEEN MOSS
ERGOT OF RYE
GUM INCENSE
HENBANE LEAVES
LIQUORICE ROOT POWDER
ORANGE PEEL BITTER
QUASSIA CHIPS
QUILLAIA (cut)
UVAE URSI LEAVES
and others

JOHN KELLYS (LONDON) LTD.
24 OLD BROAD STREET, LONDON, E.C.2
Telephone : LONdon Wall 5741 (5 ext.)
Telegrams : " Ergotine, Stock, London."

ANTISEPTIC FLUID
R.W. COEFFICIENT 3·5
Pleasant Pine odour, non-toxic, non-staining, non-corrosive, continuous supplies available. Bulk deliveries. Buyers write Box No. 555, c/o Carlton Berry Co., 437 Grand Bldgs., Trafalgar Sq., W.C.2

Pure White
TIN OXIDE
(STANNIC)
Pure Powdered
TIN METAL
for medicinal purposes
Manufactured by:—
KEELING & WALKER, LTD.
STOKE-ON-TRENT
Telephone: Stoke-on-Trent 4136/7

GUM TRAGACANTH
GUM KARAYA
GUM ACACIA
WHOLE and POWDERED
SAMPLES AND PRICE ON APPLICATION

SALEM (Pulverized Tragacanth) LTD.
11a Wormwood Street, London, E.C.2
TEL. LONDON WAL 1910

PITUITARY LOBE POSTERIOR
PITUITARY LOBE ANTERIOR
PITUITARY WHOLE GLAND
and other Glandular Products

A. REVAI & CO., LTD.
7-8 IDOL LANE, LONDON, E.C.3
Telephone: MAN. 6877 (4 lines)

SULPHATHIAZOLE-BOOTS

SULPHATHIAZOLE—BOOTS is manufactured in the laboratories of Boots Pure Drug Co. Ltd. It has a wide range of anti-bacterial action, being effective against haemolytic streptococci, meningococci and pneumococci, and is the most promising sulphonamide in the treatment of staphylococcal and gonococcal infections. Evidence based on more than 2,000 military cases indicates that about 90 per cent. cases of acute gonorrhoea in the male can be cured by the administration of 5 gm. sulphathiazole on each of two successive days.

Supplied in tablets containing 0.5 gm. (7½gr)
Bottles of 25, 50, 100, and 500

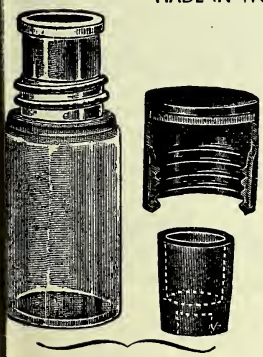
Enquiries should be made to the

WHOLESALE AND EXPORT DEPARTMENT
BOOTS PURE DRUG CO. LTD NOTTINGHAM

B996-783T

The 'Clinbritic' Vaccine Bottle

Patent No. 492200
MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



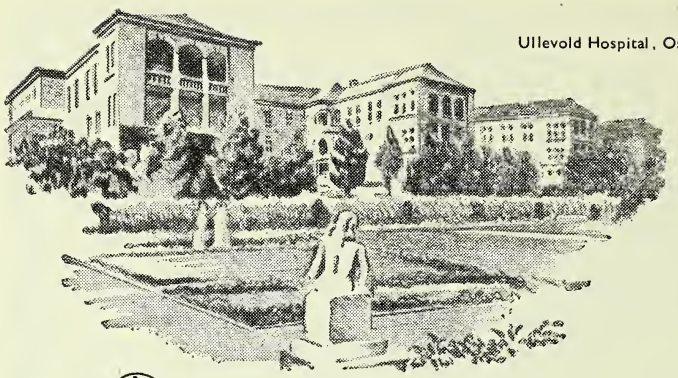
Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.
No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.
The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap.
No manipulation whatever is required after sterilization.

Samples. Prices and Full Details on Request

Completed

Britton, Malcolm & Company, Ltd.
38 Southwark Bridge Road, London, S.E.1



Ullevold Hospital, Oslo

The Guarantor of Quality since 1875

CARUS PRODUCT

CARUS

OF DARWEN

SURGICAL DRESSINGS AND SANITARY TOWELS

Only Wholesalers Supplied

VERDIERS MANICREEM

Hand Protective Cream

TAKES DIRT OUT OF WORK

Protects instantly against DIRT—GRIME—STAINS—CHAFING. Does not make the hands sticky. Leaves them clean, smooth and healthy. No soap or hot water needed. 18/9 per dozen, plus 6/3 P.T. Retail Price 2/11 per jar.

VERDIERS LTD

Manufacturing Chemists

35 OLD BOND STREET, LONDON, W.1

Telephone: REGent 3369

THE NATIONAL ASSOCIATION OF OPTICIAN

The next Examination will probably be held at Birmingham in July. Further particulars later.

SYLLABUS and ENTRANCE FORMS etc. from

SECRETARY, N.A.O., 130 Princes Road, Liverpool,

TRAGACANTH

SPECIALISTS IN B.P. POWDE

SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lan London, E.C.3.

MANsion House 1924 & 6600. Estd. 187

WHOLESALE & EXPORT ONLY

HYPODERMIC NEEDLES

OF ALL DESCRIPTIONS

Original makers of STAINLESS STEEL NEEDLES

Our Specialities include the Original Record Fitting and N.H.I. Specification Hypodermic Needles

Also the famous 'SUMMIT' hypodermic needles now ALL BRITISH MADE

Comprehensive catalogue sent on request 'Phone: Thornton Heath 3252-3

S. & R. J. EVERETT & CO., LTD.

939, LONDON ROAD, THORNTON HEATH, LONDON, S.W.16

Greatest Boon to Comfort for Women

LUNA

THE MODERN SANITARY TOWEL

Retail: 2/- for 10; 1/- for 5

From all Chemists and Wholesalers

LUNA INSERTS LTD
24 HIGH ST. LONDON. E.11

BED SHEETING

/hen we get back
normal conditions
e hope to extend
ur range of Sheet-
gs and Jaconettes

IOCO
LIMITED
esland, Glasgow, W.

HOSPITAL
BED SHEETINGS
AND JACONETTES

RUBBER
AIR BEDS, CUSHIONS
AND PILLOWS

SURGICAL
AND MEDICAL
REQUIREMENTS

Orders must state
" required for Surgical
and Medical purposes "

Announcement

by

T. J. SMITH & NEPHEW LTD

To meet the growing demand by modern women for the 'insertion' type of sanitary protection, we have now made available to Wholesale Chemists limited supplies of—

Lil-lets

A NEW AND IMPROVED SANITARY TAMPON

Lil-lets are *sanitary towels* compressed to tampon shape for internal use. They are made from highly absorbent cotton completely enclosed in absorbent gauze, and no applicators are required.

Lil-lets are issued in attractive cartons containing 4 packets of 3, wrapped in transparent film, retailing at

1/9 *PER CARTON OF 12 TAMPONS*

Trade Price

15/4 *PER DOZEN CARTONS, NET*

Made in England by

T. J. SMITH & NEPHEW LTD · HULL

ELASTOPLAST ★ LILIA

The largest Clearing-house

for all types of

TINS • BOTTLES • DRUMS
JARS • CONTAINERS • ETC.

Large and comprehensive stocks of all the above items always available. We shall be pleased to have details and samples of redundant or discontinued accumulations.

★REDUNDANT STOCKS OF ALL KINDS PURCHASED FOR CASH

The CONTAINER RECLAMATION Co., Ltd

21-41 WELLINGTON RD, ST. JOHN'S WOOD, LONDON, N.W.8
Phone: PRImrose 0015 (4 lines). Grams: Contreclam Phone London

WE MUST HAVE THE EMPTIES BACK

Millions of new bottles are taking drinks overseas each week to the Forces, so bottles for soft drinks at home are very scarce. Unless a steady flow of returned Mineral Water and Squash empties is maintained, bottlers will find it impossible to supply YOUR quota of soft drinks.

PLEASE ACCEPT ALL S.D.I EMPTIES AND RETURN THEM TO YOUR PRESENT SUPPLIERS

The Soft Drinks Industry (War Time) Association Ltd., 42 Upper Grosvenor Street, London, W.1. CVS-33

For Post-war Merchandising

Cellophane
REGISTERED TRADE MARK
CELLULOSE FILM

Invaluable for the Protective Wrapping of Hygroscopic Pharmaceuticals.

BRITISH CELLOPHANE LIMITED
17-19, STRATFORD PLACE,
LONDON, W.1 Telephone: Mayfair 872

"Cellophane" is the Registered Trade Mark of British Cellophane Ltd., and denotes the brand of Cellulose Film manufactured by them.

DRUG TRADE PRINTERS
LABELS, WINDOW BILLS, FOLDERS, ETC.
Enquiries Solicited
RAVENSWORTH (PRINTERS) LTD.
BIRTLEY, Co. DURHAM

DRUGS, GALENICALS, PROPRIETARIES
Makers of 'Vitasac'
R. SUMNER & CO. LTD.
HANOVER STREET · LIVERPOOL, 1

S.124

SESSIONS STOCK COSMETIC LABELS
combined with matching
NAME and ADDRESS SLIPS
make the line individual

Write for Samples

WM. SESSIONS LTD., EBOR PRESS, YORK

O-MORROW MAY BE TOO LATE !

STOP THE MOTH TO-DAY
with
NOMOMOT
Most Deadly Protection Against
MOTH !

attractive Sachets.....**from 7d. to 2/6**
lt Boxes ..... **1/- and 1/9**
llophane Tubes of 15 Tablets..... **9d.**
quid Spray **NOMOFLAS,** Fly and Moth Destroyer....**In Bottles, 2/- and 2/3**
OMO-ODO, Disinfectant Tablets.... **6d.**

Trade Terms on Request

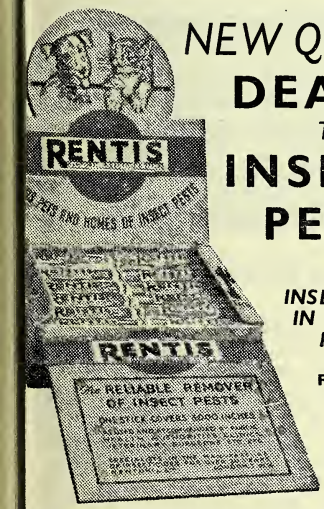
Manufacturers of

NOMOMOT"
REGD. No. 610662
No More Moth
LEWIS (Import & Export) LTD
38 GREAT PORTLAND ST. LONDON W.1

RODINE P.A.T.A.
IS NOT RATIONED
So don't ration
RATS

The national drive against these pests grows each year. Vigorous steps are being taken to kill rats wherever they are found. Consequently Rodine is in unusually heavy demand, and you should take advantage by ordering full supplies now. Rodine is in no way rationed so make sure you have a good stock on your shelves.

T. HARLEY, LTD., PERTH, SCOTLAND



NEW QUICK
DEATH
TO
INSECT PESTS

AN INSECTICIDE IN PENCIL FORM

PRICE 1/-

e handiest and most economical method yet devised free clothes, furnishings and domestic pets from lice, s, bugs, etc. One stick covers 3,000 inches. Used by alth Authorities, Veterinary Surgeons, etc.

See our representative or write for particulars
NTOKIL LTD., 168-170 Stockwell Road, London, S.W.9
secticide Manufacturers for over 20 years

GARDINERS *for* **OVERALLS**

LONG OVERALL COATS (SHRUNK)

Men's. White or Khaki **13/9, 15/-.**

Women's Overalls. Cross-over style. White, Khaki, Navy, Green, Saxe - **11/9.** Coats and Overalls: 3 coupons.

Men's Super White Drill Jackets - 8/6, 9/11.
Jackets: 2 coupons.

State Chest measurement. Cash and coupons with order Satisfaction Guaranteed.

Postage: 1 coat, 7d.; 2 coats, 9d. Orders over £2, carriage paid.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1 3 & 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station 'Phone · BIS 6751 (3 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18
CLAPHAM, S.W.11

VOLCK

"The Spray that is Different."

After 20 years' steadily growing sales, almost without advertising, VOLCK is more popular than ever. In short—it sells itself. Nevertheless we *are* advertising VOLCK this season—and now is the time to get in touch with us about YOUR stocks.

VOLCK is the finest insecticide for Red Spider, Mealy Bug, White Fly, Scale and Thrips. It kills the eggs too. NON-POISONOUS.

TINS FOR 10 GALS. **2/6**

You know you can rely on

Monro's

OF COVENT GARDEN

"As used by the Commercial grower."

All inquiries to:—

SHOP TRADE DEPT.
GEO. MONRO, LTD.
WALTHAM CROSS, Herts.

TAS/G.M.74.d.

ORDER NOW—

This popular quick-selling line

"POROSAN"

Fruit Caps and Skin Rings

RETAIL 3/4 DOZ. (inc. tax)

Full Trade Discounts and Generous Terms for Quantities.

IN 3 PACKS

1 lb., 2 lb., and 50/50 (6 each size)

Also No. 3 Fruit Preserving Skin for sealing fruit preserved with Campden solution and for chutneys, pickles, etc. Roll 1/- and 2/9.

Sole Distributors to the Trade:

S. MAW, SON & SONS, LTD

Aldersgate House, NEW BARNET, HERTS

★ Don't forget to order replacement rings as well.

POROSAN

Fruit Preserving

METHODS ARE BEST

Marketed by POROSAN LTD., 65/6 Chancery Lane, W.C.

PENTNOR

REGD. TRADE MARK

HERBAL SHAMPOO GRANULES

A winning hand for sales—Four shampoos that will delight your customers—not plentiful yet but limited supplies *are* available. So send your orders now.

Retail 1/- each (incl. Tax)
Wholesale 8/- doz. (incl. Tax)

CAMOMILE for fair hair
HENNA for brown hair
CADE TAR for greasy hair
PINE TAR for dry hair

Each contains 2 ample shampoos

RUFF & COMPANY
128 · ATKINS ROAD
LONDON · S.W.

MISCELLANEOUS OPPORTUNITIES

Snoods	11/- doz.
Sleeping Nets..	9/9 ,,
Teething Discs (six on cord) ..	20/- ,,
Teething Rings	8/6 ,,
Teething Bones	18/- ,,
Chamois Face Cloths	12/- ,,

The above are subject to 33 per cent. P.T.

Also available: Perfume, Lipsticks, Mascara Creams, Eau de Cologne, Toilet Mirrors, etc.

For Price List send S.A.E. or call to

MARLENE PRODUCTS, 5 Fryent Way, Kingsbury, N.W.9. Tel. COLindale 5723.

ALUM BLOCKS

ANTISEPTIC

INQUIRIES INVITED BY

BROTEX PRODUCTS LTD.

39a GRAYLING ROAD, LONDON, N.16

We can now supply 4-oz. **Talcum Tins** with Sprinkler Top, 32s. per gross, ex London warehouse, minimum quantity 50 gross. Orders will be dealt with strictly in rotation.

Percenta Ltd.

59 Borough High Street, London, S.E.I.

Prompt delivery: 250,000 **cartons**, size 3¼ in. × 2 in. × 5/16 in., suitable face powder or aspirins; 10,000 **packing cartons**, 18 in. × 12 in. × 9 in., and other sizes; 2-oz.. 3-oz., 4-oz., 6-oz. **fancy bottles**; 1-oz., 2-oz., 4-oz., 8-oz., 10-oz. **jars** with **screw caps**; 2-oz., 4-oz., 8-oz. **slip lid tins**; 12-oz. and 16-oz. **lever lid tins**; 10 tons **technical white oil, rape seed oil, petroleum jelly, gum tragacanth, methyl cellulose, stearic acid, spermaceti**; 10 tons **emulsifying waxes**, suitable for first quality **hair cream, face cream**, etc. **P.G. Ltd., Fortress Grove, London, N.W.5.**

FOR USERS ONLY

Limited quantities of **1-oz. Pomades, 4-oz. Fancy Brilliantine Bottles, 8-oz. Jars, and 20-oz. Winchesters.**

THE OXFORD GLASS CO.,
3 Grosvenor Gardens, London, S.W.1

FOR SALE

Petroleum Jelly, White, 2-oz. Jars, 44s. per gross.

Petroleum Jelly, Yellow, 2-oz. Tins, 27s. per gross.

The Standard Manufacturing Co.,
3 Grosvenor Gardens, London, S.W.1
Telephone: Vic. 6974/5.

A few cwts A.1 grade

TECHNICAL COCOA BUTTER

available cheaply.

Sample from **Pattison, Siddals, Derby**
'Phone 45249

Wall Thermometers	45/- doz. Tax free
Emery Boards (assorted shades) 20 doz. in box.	24/- box. Tax 100%
Compacts	from 2/4 each. Tax 100%
Baby Comforters (dummy shape) .	16/6 doz. Tax free
Hosemenda (clear and pink) . .	15/- doz. Tax 33⅓%

Terms: C.O.D. Cash with Order or Pro-Forma.
All goods carriage paid.

Keenedge Ltd. 18 Waltham Avenue, Kingsbury, N.W.9

EMULSIFYING AGENTS and SELF-EMULSIFYING WAXES for SALE in minimum lots of five cwt., at prices ranging from £14 to £67 per cwt. These products are suitable for pharmaceutical cosmetic and agricultural emulsions. Fullest details on application to

Messrs. LABORATORY FACILITIES, LTD.
192 WINDSOR LANE, BURNHAM, BUCKS.

MACHINERY FOR SALE.—Two Stokes' Saccharin tabletting Machines with Stand; 1 cwt. Gardner Sifter-mixer; two Roberts' Bench Filling Machines; Cream Vacuum Filling Machines; hand-operated Cream Depositor for Bench Filling of Tins and Jars, ten at a time; high-speed Whisk; Jagenberg Gumming Machine; "Gumax" Gumming Machine; Aluminium Chalk Moulds, specially constructed for mass production of coloured chalks. Box 598/494, C. & D. London Office.

METAL & LEATHER FLAPJACK

Manufacturers:

METAG LTD.

26a CUTHBERT STREET, W.2

Phone: PAD 3768, 4210

Quantity of **Essential Oils, Lemon, Limes, Orange, Grape Fruit; Peppermint Japanese Kob,** 9 × 5-lb. tins; **Oil Aniseed,** 40 lb., B.P. Offers wanted for this or part. 604/717, C. & D. London Office.

MESSRS. ESMOREA CHEMICAL PRODUCTS, LTD., 106 Regent Street, W.1. Telephone: Regent 3254, have a limited supply of controlled lines at reduced prices:—

Hairpins, Hair Slides, Flapjacks (metal and bakelite), Metal Lipstick Cases (Spiral movement), Wooden Lipstick Cases (Slide action), Vanishing Cream, Cold Cream, Shampoo Powders, Lipstick Refills, Bloc Rouge, Brilliantine (Liquid and Solid), Alum Blocks, Styptic Pencils.

Send stamp for price list, or call at our Showrooms above. We are represented through the country, and our travellers can call on you if so desired.

Sheet Anchor

The sheet anchor was the largest and safest of the old anchors. Thus, the name has passed into common language as synonymous with security and dependability.

Two Sheet Anchors for Pharmacy in the post-war years:

MEGGEZONES

MEGGESON Bismuth DYSPEPSIA TABLET

- ★ Therapeutically sound.
- ★ Manufactured from first-quality ingredients.
- ★ Sold only by qualified chemists.
- ★ Advertised in 170 daily and weekly papers.
- ★ Well received by the public.
- ★ Generous profit to the retailer.

Supported by the time-honoured name of

MEGGESON & CO. LTD., LONDON, S.E.16

The CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX STREET, LONDON, W.C.2

This Supplement is inserted in every copy of The Chemist & Druggist

MAY 5 1945

lement Advertisements must be prepaid and should reach us not later than FIRST POST WEDNESDAY eek of Issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

OPTICAL TUITION

FOR THE

.C., B.O.A. and N.A.O. DIPLOMA Examination.

rticulars:—

A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

HIGH STREET, BARNET, LONDON, N.

SITUATIONS OPEN

for 40 words or less. 2d. for every additional word.

yment of Women (Control of Engagement) Order 1942

ertain exceptions, women over 18 and under 41 f age seeking Employment and Employers seeking ge such women are now required to do so only h the local office of the Ministry of Labour and l Service or an approved employment agency.

RETAIL (HOME)

ERMANENT post awaits a Qualified Man in Home Counties town, as cover. Light duties, ial surroundings. Elderly man not objected pply with usual particulars to 604/722, C. & D. n Office.

UALIFIED Assistant required (male or male) for an old-established business in the of London. The business is run on modern nd shows opportunity to the right applicant. stating age and salary required, to 606/770, . London Office.

ON'S of Worthing require immediately a ranch Manager or Manageress; no half-day day duties; good salary. W. Aston & Co., 25–27 Montague Street, Worthing. Tel.: ng, 1.

L. Qualified Branch Manager or Manageress equired for family Dispensing business. Perey. Good prospects. 606/781, C. & D. London

Y Assistant Dispenser (Hall), experienced quired. Apply, stating age, experience and required, to Secretary, Bedford Provident sary and Public Medical Service, 3 St. Peter's Bedford.

RPOOL. Qualified Pharmacist as Manager; gh-class pharmacy; permanency; progressary; congenial working conditions; no Sunholiday duties. (A.G.) Messrs. Symes & Co., ts, 14 Hardman Street, Liverpool, 1.

ON Co-operative Chemists, Ltd., require perienced Pharmacists for progressive posin the outer suburbs. Applications to Pharmanager, 54 Maryland Street, Stratford, , E.15.

AGER required, West Country town, for uration; good wages. 604/712, C. & D. Office.

S. LADY or Gentleman required for Retail. S. High salary and unusually good prosor an ambitious person. Apply, Amblins, burn High Road, N.W.6.

IDGE & CO., Employment Agency, Columbia ouse, Aldwych, W.C.2, invite inquiries from loyers seeking Qualified Staff, especially for and Southern Counties, excluding women the ages of 18 and 41. Terms on application.

PHARMACISTS required as Branch Managers. No Sunday or half-day duty. Must not be eligible for National service. Applications stating age, experience, salary required, to Superintendent Chemist, Birmingham Co-operative Chemists, Ltd., 422–4 Coventry Road, Small Heath, Birmingham, 10, endorsed "Pharmacy."

PHARMACIST required as Branch Manager (no Sunday or half-day duty); salary according to Co-operative Pharmacy scale. Applications, stating age, experience, etc., to the General Manager, Abersychan and Pontypool Co-operative Society, Ltd., Hanbury Road, Pontypool, Mon.

PHARMACIST required as Branch Manager (temporary). Applications, stating age, experience etc., to Oldham Co-operative Chemists, Ltd., King Street, Oldham.

PHARMACIST (lady or gentleman) as Superintendent in Dispensing business; hours, 10 till 5; no half-day, holiday, or Sunday duties; vacancy first week in June. Full particulars, Smithsons, Preston Circus, Brighton.

PHARMACIST required (male or female), exempt from National Service, for West End Pharmacy; dispensing and counter work; no Sunday duty. Apply Selfridges' Staff Office.

QUALIFIED Chemist required for branch; no half-day or Sunday duty; suit lady or elderly gentleman; light duties. Apply, full particulars as to salary, experience, T. H. Prichard & Son, Ltd., Chemists, Abertillery, Mon.

QUALIFIED or unqualified Assistant required immediately for busy retail establishment; every scope for ability and initiative. Reply, giving full particulars, to W. Bates & Co., Ltd., 25 Oxford Street, Southampton.

QUALIFIED Branch Manager required at once; permanency. Apply by letter, giving full particulars to Secretary, Dewsbury Pioneers' Ind. Soc., Ltd., 43 Northgate, Dewsbury, to arrive first post, Thursday, 10th May. Endorse "Pharmacy."

QUALIFIED Assistant, either sex, wanted for good-class Business. No extra duties. Comfortable post, permanent if desired. Good salary. Smith Wendell & Co., Ltd., Watling Street, Radlett, Herts. Phone: Radlett 6922.

QUALIFIED Lady required, with good Dispensing experience; exempt; permanency; with good salary. Wallace Pring, M.P.S., 7 High Street, Bromley, Kent.

QUALIFIED Manager for nice class business; two lady assistants; no half-day or Sunday duty; permanency. A. Ll. Williams, Ltd., Chemists, Pembroke Dock.

QUALIFIED Manager, either sex, for Branch Shop; accommodation will be available or locum from May 14, 1945. Apply, Cartwrights, Chemists, 69 Leytonstone Road, London, E.15.

ST. ALBANS, Herts. Assistant required, male or female, qualified or unqualified, for busy, good-class business in centre of town. Good dispensing and counter experience essential. Full particulars in first letter. Wells, Chemist, High Street, St. Albans. Phone: St. Albans 867.

UNQUALIFIED Assistant required immediately; half-day Thursday; no Sunday opening. Phone: Canonbury 3645. Write or call, stating salary required. Bell & Co. (Essex Road), Ltd., 186 Essex Road, London, N.1.

UNQUALIFIED Assistant required, either sex, for dispensing and counter; no Sunday or half-day duties; permanency. Send full particulars to Seedhouse, Chemist, Brownhills, Nr. Walsall.

WANTED immediately, Unqualified Assistant, either sex. Particulars, etc., to S. A. Sheard, M.P.S., 9 Leeds Road, Harrogate.

WOMAN Dispenser wanted at once in private hospital, North Wales; would be required also to take charge small medical library and assist in clerical work; knowledge of typing and/or shorthand an advantage. Apply, stating age, experience, and salary required, to 606/767, C. & D. London Office.

RETAIL (COLONIAL)

OVERSEAS Employment. Pharmacist (qualified) required for large Departmental Store in Ceylon; should be of good appearance and address, and have some retail experience; 25–30 years of age; preference given to ex-Service man; single; 4 years' engagement; passage paid out and home; salary according to age and experience; minimum £360 per annum, with an allowance at present of £90 per annum and free living quarters; low income tax, provident fund and other benefits. Written applications (no interviews), giving the following essential details: (1) Full name; (2) date of birth; (3) National Service Registration Number and Local Office shown on Registration Card, N.S.2; (4) medical grade, if known; (5) if discharged from the Forces, particulars of Service number, rank, unit, and reasons for discharge; (6) qualifications and experience; (7) name and address of present employers; (8) details of present work. Should be sent to The Secretary, Overseas Manpower Committee (Ref. 1789), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications will not be acknowledged.

LOCUMS WANTED

GLOUCESTER area. Qualified Pharmacist required for holiday relief duties for any time during summer. Please communicate full details to 606/780, C. & D. London Office.

LIVERPOOL. Locum, qualified, male or female, for about 3 months. Clay & Abraham, Ltd., 87 Bold Street, Liverpool.

LOCUM for two or three weeks commencing June 4. No Sunday or half-day duty. £9 9s. per week, plus rail. Accommodation found. Alternative dates and terms considered. Brown & Gradidge, Ltd., The Chemists, Andover, Hampshire.

LOCUM required for two weeks from June 24th, 1945, also any other four week period. Applications, stating terms, etc., to be addressed to the Secretary, Scunthorpe Co-operative Society, Limited, 180 High Street, Scunthorpe.

PHARMACIST Locum wanted June, July, August, September; capable help; pleasant firm. Please state salary and terms, Selles, Dispensing Chemists, Ltd., Beverley, E. Yorks.

QUALIFIED Locum required, August 13–25 inclusive. Wilsons, Chemists, Ipswich Street, Stowmarket.

WHOLESALE

Exceptional opportunity occurs for an **ENTERPRISING CHEMIST** to work with Managing Director on manufactures mainly connected with food stuffs. Advertisers already employ staff research and production chemists.

This appointment offers great scope for a man capable of quickly translating ideas into practical propositions. 606/766 C. & D. London Office.

AGENTS wanted throughout England for sa Pine Disinfectants in bottles and bulk tainers, also an Insecticide; commission and exp allowance. Write full particulars of conne territory, other agencies held, ZJ.262, Deacons Mary Axe, E.C.3.

AGENTS, with strongly-established conne amongst retail and wholesale chemists operative societies, stores, etc., required to intr beautifully designed specialities that sell on di and repeat on merit; good incomes easily e and goodwill created; only salesmen able and w to give concentrated sales effort need apply; vacant: London, South-western and North-ea Counties, South and North Wales, Midlands Lancashire; existing accounts in some 606/759, C. & D. London Office.

ANALYTICAL Chemist required by Lo Manufacturing Chemists, working under E tial Works Order. Practical works experien general routine analysis and alkaloidal assa drugs, including opium, essential. Reply, g particulars of experience, salary, etc., to 578 C. & D. London Office.

CHEMICAL Analyst (female, 21–30), Inter. standard, experience in ferrous and non-fe routine analysis, required by large company dis factory in the South-West scheduled under Essential Work Order. This advertisement ap with the permission of the Ministry of Labou National Service, with exemption from restri governing the Employment of Women. Write 7050, A.K. Advg., 212A Shaftesbury Avenue, W

EXPERIENCED Sales Representative rec in various Provincial areas, for high- Toilet preparations, one of them free of c Applicant must have first-class live connexion Chemists and Stores. Commission basis if ca other lines, or Salary and Commission if exc representation. Please do not apply if unal fulfil above requirements. Box No. 184, Do 18–20 Regent Street, London, W.1.

EXPORT and Shipping Clerk by London manufacturing pharmaceutical products; be familiar with official regulations and all form for the industry; interesting opportunities fo vancement. Write fully, in confidence, statin experience, National Service liability, salar quired, etc., to 606/764, C. & D. London Office.

GEORGE BELL'S Pet Remedies. Bell & Ltd., Silverdale Works, Liverpool, 13, h few vacancies for Representatives to call on Che Corn Merchants, Pet Stores, etc. Application only be considered from those of high integrit proved selling ability. Apply Sales Director as a

LIVE Representatives wanted by old-estab Firm of Insecticide Manufacturers. Only with connexion among Chemists, Ironmo Furnishers, Stores, Co-ops, Seedsmen, and ca of earning a minimum of £10 per week, wh part-time, need apply. Write, giving full parti of territory covered, goods handled, etc., to 60 C. & D. London Office.

LONDON firm wish to contact Salesman, first-class connexions, calling on co-ope stores, wholesale and retail chemists, and har merchants; excellent commission terms o Reply, Box 178, Dorlands, 18–20 Regent London, S.W.1.

LONDON Firm Manufacturing Pharmace Chemists require Junior Technical Assis about Inter. B.Sc. standard, to work in ma turing laboratories and departments. Good pro for progressive men. Write stating age, expe etc., to 606/773, C. & D. London Office.

MALE Assistants required for large Wholesal tributors. Knowledge of Sundry and G Chemists' lines requisite. Permanency. Lo Immediate or early release from Services. Sta and experience. 606/778, C. & D. London Offi

PILL MAKER required for Manufacturing N.W. London. Permanent and progr opportunity, should be over military age, or e war service. State experience and wages req 594/359, C. & D. London Office.

ARMACISTS wanted by well-known London firm of manufacturing chemists, to control facturing processes. Salary not less than £350 ding to abilities. Write giving details of exper- and familiarity with particular processes, to s Manager, 606/775, C. & D. London Office. (This rtisement will be repeated for the benefit of men forces.)

OCESS Worker required for well-known cos- metic Manufacturers; experience desirable, but ssential if willing and intelligent; permanency ood prospects for right man. Apply, 606/760, D. London Office.

PRESENTATIVE required, Surgical Instru- ments; calling on doctors and hospitals; lished territory and connexion for Lancashire, ire and Yorkshire; salary and expenses, and ission, to good, sound gentleman. Apply, 42, C. & D. London Office.

PRESENTATIVES required to sell excellent household products in Kent, Surrey, Sussex, and Norfolk. Good commission offered. Write B/388, C. & D. London Office.

PRESENTATIVE (full time) required by old-established London firm of manufacturing ists. Good prospects for first-class men with rehensive knowledge of the trade. Write, g age, experience, etc., to 605/731, C. & D. on Office.

PRESENTATIVE with Chemist connexion, N. London, Essex, Kent, for good sideline on a ission basis. 606/765, C. & D. London Office.

PRESENTATIVES required to obtain orders for Petroleum Jelly, Liquid Paraffin, Stearic Technical White Oil, Borax, Waxes, Gums, Oils, Labels, Perfumes and Emulsifiers requiring ldition of water only to make excellent prepara- far superior to most obtainable at present. or Bottles, Jars and Tins, Screw Caps, Cartons, etc. The British Surgical & Drug Co., Ltd., ss Grove, London, N.W.5.

PRESENTATIVES required throughout United Kingdom to call on Chemists, Jewellers, etc., Powder Puffs, Powder Boxes, Flapjacks and r articles; large range available; good com- n basis only. Brooks & Bohm, Ltd., 90 Vic- Street, London, S.W.1.

QUIRED several Qualified Men as soon as possible, for well-known Manufacturing House llands. Applications from men still in Services also be considered. State age, experience, and particulars. 606/779, C. & D. London Office.

LET Maker required at once; must be horoughly experienced and able to take full e of plant, mixing, compressing, and care of nery; one who can sugar-coat preferred, but ssential. 606/763, C. & D. London Office.

E WELLCOME FOUNDATION, LTD., invite pplications from qualified pharmacists for the f Assistant in the Pharmaceutical Development atories at the Wellcome Chemical Works; pre- experience is not essential, but applicants l have a degree in science or an equivalent ication; the position is permanent and pension- Applications, stating full particulars in regard e, qualifications, experience, and salary re- l, should be addressed to the Works Manager, ome Chemical Works, Dartford, Kent.

NTED, Qualified Chemist as Superintendent for 1 Drug Warehouse, 1 Central, and 5 Branch . Scale wage to commence. Not eligible for nal Service. Optical knowledge an advantage. cants should state full qualifications, age, ence, etc., to Halifax Co-operative Chemists, 7 North Parade, Halifax. Endorse envelope, macist." A Superannuation scheme is in ion. Applications to be in by Thursday, May 1945.

NTED, Assistant for Pharmaceutical Labora- tory in Midlands. Qualified or experienced. alified considered. State age, experience, etc., /597, C. & D. London Office.

NTED Full-time Representative having good connexion London Stores and Co-ops to push le lines. Apply 603/667, C. & D. London Office.

WANTED, Salesman calling on Wholesaler and Retail Co-operative Societies and Depart- mental Stores to handle non-competitive lines. Apply Hinton Manufacturing Co., 72 Shaftesbury Avenue, London, W.1.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

LOCUMS SEEKING ENGAGEMENTS

QUALIFIED Lady, accustomed management, free next four weeks; reply, stating terms; limit, hour's journey. 39 Brunswick Road, W.5.

WHOLESALE

A TRAVELLER with experience desires position with House of repute. 606/772, C. & D. London Office.

ADVERTISING Manager, with wide and extensive experience of Pharmaceutical Advertising in both ethical and consumer fields seeks appointment with firm of first-class standing. Special knowledge of proprietary, veterinary, disinfectant and photo- graphic markets. Practical experience in all modern forms of advertising, including exhibitions, poster, display, direct mail to medical profession, first-class literature, films, radio, technical and consumer press, market investigation and packaging. Age 40, energetic and adaptable. Would act in advisory capacity if preferred. 604/721, C. & D. London Office.

EX-SERVICEMAN, age 33, married; tall, smart appearance; 12 years' good-class retail ex- perience, unqualified, excellent salesman, good organiser, seeks Representative or other position, with scope; free any time. J. F. Ridgwell, 41 Bridge Street, Walton-on-Thames, Surrey.

SCOTLAND. Live wire Representative, very good connexion with Chemists, Stores and Hair- dressers, wishes to negotiate with a high-class Cosmetic or Toilet House, for post-war Representa- tion. Own car. Excellent references. 606/771, C. & D. London Office.

APPOINTMENTS

THE WEST RIDING OF YORKSHIRE HOSPITALS BOARD

WHARNCLIFFE EMERGENCY HOSPITAL, NEAR SHEFFIELD

APPOINTMENT OF ASSISTANT PHARMACIST

Applications are invited for the position of an ASSISTANT PHARMACIST at the above Hospital.

The commencing salary will be according to experience and between £275 and £380 per annum, inclusive of war bonus.

Applications, together with full particulars, to be submitted to the Medical Superintendent, Wharncliffe Emergency Hospital, Sheffield. 6, forthwith.

G. L. BANNER,
Clerk of the Board.

Board Offices, Wakefield.
April, 1945.

MANCHESTER

The Advertisement Department of THE CHEMIST AND DRUGGIST requires a Representative, who must be a Pharmacist, for the Manchester Area. Applications are invited from Pharmacists (either in Civil Life or the Services) of good appearance and address, who have a sound knowledge of the Wholesale and Retail Drug Trade in Lancashire and Yorkshire, and who are prepared to reside in the Manchester area. Applications, which must be made in writing, should give the fullest information as to quali- fications, business experience, salary expected, etc., and be addressed to The Staff Director, Morgan Brothers (Publishers), Ltd., 28 Essex Street, Strand, London, W.C.2.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

AMBER Glass Bottles, 1-gallon capacity, with plastic screw caps, packed in 3's, in very strong wooden cases; 1,000 cases at 6s. per case, complete; suitable export or rail; few hundred bottles for sale without cases. 8 Arthur Road, Slough.

DELIVERY Cases, 24″×10″×16″ deep, strongly made of ¾″ Columbia Pine. Also quantity 120-oz. bottles s/h but in excellent condition. Approx. 1,000 of each. Reply to John Anderton, 104 Crescent Road, Bolton.

FOR Sale. Best quality Metal Lipstick Moulds. Two pencil type. Each to mould 40 Lipsticks, 11 m.m. Perfect condition. £10 each. Apply, 606/777, C. & D. London Office.

FOR Sale, Peppermint Oil, B.P., 12 lb.; genuine Mitcham Peppermint Oil, 3 lb.; Oil of Aniseed (China Star), 15 lb. Offers to 606/769, C. & D. London Office.

FOR Sale, 750 50-lb. Square Tins, with lever-lids, at 3s. 3d. each, ex Warehouse, London. 606/761, C. & D. London Office.

SODIUM Bromide, B.P., 9 cwt. at 2s. 4½d. lb.; Stearic Acid, triple pressed, 6 cwt. at 1s. 6d. lb.; Triethanolamine, cwt., from Henshaw, M.P.S., 97 Clearmount Road, Weymouth.

100 GROSS 2-dram Fancy Perfume Bottles, with black Bakelite caps, at 41s. per gross, or near offer. 606/762, C. & D. London Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

ACTIVE and energetic Agent, covering all wholesalers and distributors of toilet and hairdressing lines, seeks additional quick-selling line on commission basis. 605/756, C. & D. London Office.

WELL-INTRODUCED, progressive Agent, head office in Athens, seeks sole Representation for Greece and Balkan States, Pharmaceutical products, drugs, etc. Good banking and commercial references. 606/774, C. & D. London Office.

WHOLESALERS and distributors with established connexion required by manufacturers of toilet and hairdressing lines. 605/755, C. & D. London Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

LIVERPOOL. Good working-class Business; 1944 turnover, £3,629; net profit, £888; insurance prescriptions approx. 500 monthly; lock-up shop; low rental; stock and fixtures at valuation; goodwill, £750. Box E.514, Lee & Nightingale, Liverpool.

PHARMACEUTICAL Chemist's Business, in good, situation in central Scottish town, for Sale; established for a century. For particulars, apply to Archibald & Brown, Solicitors, 1 Pitt Terrace Stirling, who will receive offers.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ANISEED Oil, B.P., China Star, any quantity from one pound upwards. Offers to CDB/391, C. & D. London Office.

AMBRETTA Seeds, 50 lb. required urgently. Offers to 605/754, C. & D. London Office.

BOTTLES and Jars Wanted. 1-drm., 2-drm., 4-drm. Sprinkler Bottles with Bakelite Caps; Fancy Toilet Bottles; Medical Flats, Panels, Rounds, Cork Mouth and Screw-capped; Pomade and Squat Jars, clear or amber; Hair Cream and Bath Salts Jars. Any quantities, new or used. 606/776, C. & D. London Office.

EDIBLE Leaf, broken and unbroken, wanted; any size parcels. 606/768, C. & D. London Office.

REQUIRED 1,000 gross of 4-oz. Panel Bottles, cork mouth or screw neck, with or without caps. Reply, 605/753, C. & D. London Office.

WANTED to purchase, Cameras, Enlarge all photographic Apparatus, Exposure Tripods, etc. Microscopes, Binoculars, Cine C and Projectors. Prompt cash and high prices Wallace Heaton, Ltd., 127 New Bond London, W.1.

BUSINESS OPPORTUNIT

7/6 for 40 words or less, 2d. for every additional

ADVERTISERS who have secured prem post-war occupation with surplus manufa and administrative accommodation in count roundings are interested in acquiring a smal lished Business capable of development. Scie Surgical Instruments and Furniture, Optical, graphic, Cosmetic, Retail Domestic or Commodity or any other proposition will b dentially considered. 603/684, C. & D. Londor

DOCTOR would like to know of suitable commencing private practice; dry, l country town or village in Midlands, West or west England; small, pleasant, easily-run with garden; must be available to rent 605/757, C. & D. London Office.

LARGE Firm of Wholesalers, Distributo Buying Agents, with thousands of act counts on their books covering the whole United Kingdom, wish to contact manufactu present and post-war lines suitable for Ch Hairdressers and Departmental Stores; arranged. Box 602/649, C. & D. London Offi

PACKING and manufacturing facilities a for all types of filling, packing, and some facturing processes; large or small output; London area; assistance given manufactu securing bottles, etc. Box No. 116, New Era tising Service, Ltd., 107 Fleet Street, E.C.4.

THE EMMET DISTRIBUTING CO., LT Park Lane, London, W.1, are prepared sider an additional product of repute, with sales, for sole distribution to chemists; adv would be undertaken if necessary, and ware and dispatch facilities are available; Member C.F. and P.A.T.A. Replies, in confidence, t aging Director.

EXPORT TRADE

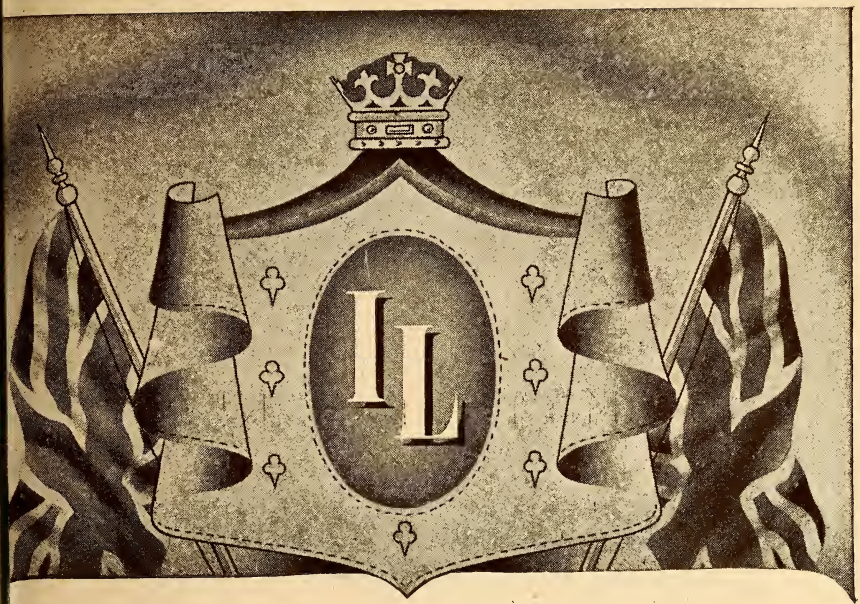
AMERICAN Sales Executive (Chemist) se clusive representation in the United St manufacturers of chemicals, drugs, surgica pital appliances, etc. H. H. Bram, 2107 W Philadelphia, 40, U.S.A.

CHEMICALS AND ESSENTIAL OIL Swedish importers in above trades desire t from British manufacturers and exporters w interested to be represented in Sweden. We agents, or as sole distributors buying on own a We are well introduced with competent indus above trades. Well-organised selling team av Head Office: Stockholm. Detailed offers re to: Marsing & Co. AB, Kungsgatan 27, Stoc Cables: Kemimarsing, Stockholm.

MESSRS. DINKER & CO., 88 Vithalbha Road, Bombay, 4, invite connexion competitive manufacturers and reliable ex handling Chemicals and Drugs. Bankers: Bank, Ltd., Bombay; National Bank of Indi Bombay. Reference: M/S, Biddle Sawyer Ltd., Empire House, London.

SWEDEN—HEAVY CHEMICALS Leading Import House established 30 ye very good terms with consumers, desires tact competitive manufacturers in order to business either on a commission basis or buy own account. First-class English references. reply to "Meber," c/o The Chemist & Dr 28 Essex Street, London, W.C.2.

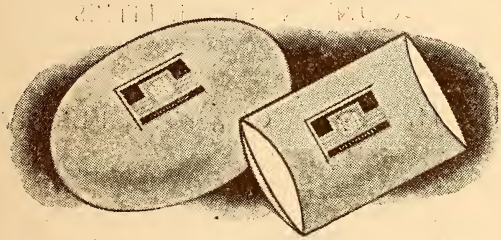
Printed by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2



IMPERIAL LEATHER

The Aristocrat of Toilet Soaps

The superb quality of Imperial Leather Toilet Soap has created a demand amongst discriminating people considerably in excess of present supply facilities. We feel sure the trade will appreciate that in the circumstances delays in meeting orders are unavoidable, but we assure them that every effort is being made and will be made to secure equitable distribution.



Cussons SONS & CO., LTD., KERSAL VALE, MANCHESTER 7

Cox of BRIGHTON

A NAME THAT STANDS FOR

Perfection

IN PHARMACEUTICAL PRODUCTS

PILLS • TABLETS
LOZENGES • SOLVELLÆ
CAPSULES • SUPPOSITORIES
PHARMACEUTICALS
COUNTER SPECIALITIES

ARTHUR H. COX & CO., LTD., BRIGHTON, 7

FOUNDED

1839

Printed by The Pitman Press, Lower Bristol Road, Bath, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2